



NPDES Small MS4 General Permit (OHQ000002) Annual Reporting Form

Instructions for completing this form:

- OHQ000002 requires that this form be used when submitting annual reports. You may request approval to use your own reporting format.
- Annual Reports are due annually on or before April 1st.
- Complete the form and sign and date the certification statement below.
- If more space is needed than is provided, identify within the provided space that Attachment A, B, C, etc. has been attached.
- If an item of the form is not applicable for your program (such as street sweeping), fill in N/A in the space provided.
- Don't include attachments such as brochures, newspaper clips, sign-in sheets, etc. related to your program with this form. You only need to summarize these within this report. These records must be filed and will be needed during program audits.
- When complete, submit this Annual Report form to the following address:
Ohio Environmental Protection Agency
Division of Surface Water
Storm Water Program – Small MS4
P.O. Box 1049
Columbus, Ohio 43216-1049

Small MS4 Annual Report for Year: 2010

Ohio EPA Facility Permit Number: 1GQ10002*BG

Name of MS4: Clermont County & Others

Primary Contact: John McManus

Title: Program Manager

Mailing Address: Clermont County Water Resources Department, Storm Water Management Division, 4400 Haskell Lane

City: Batavia

Zip Code: 45103

County: Clermont

Telephone Number: (513) 732-7880

Email Address: jmcmanus@co.clermont.oh.us

Include or attach a Table of Organization. Indicate who (name and contact information) is responsible for overall management and implementation of your program, and if different, each minimum control measure of your program. Identify how development and implementation across multiple positions, agencies and departments occur. Also, identify any Memorandum of Understandings (MOUs) or other such agreements that exist.

The Table of Organization (Figs. 2a and 2b from pages 4-5 of the County's Storm Water Management Plan) is attached. John McManus, Program Manager for the Clermont County Water Resources Department, Storm Water Management Division, is responsible for the overall management and implementation of the County's storm water management plan. Various entities are responsible for different aspects of the program, as provided in the storm water management plan and this report (e.g., the Clermont Soil & Water Conservation District's Education Specialist is responsible for in-school education programs, the service directors for each MS4 partners are responsible for implementing individual "municipal" pollution prevention and good housekeeping programs); however, Mr. McManus is responsible for ensuring and reporting on their implementation. Coordination of the programs is ensured through regular phone and email communication between Mr. McManus and the various partners, and through regular meetings of the "Phase II Storm Water Committee," of which each person shown on the Table of Organization is a member. Memorandums of Understanding for county enforcement of the Water Management & Sediment Control (WMSC) regulations are in place between Clermont County and the Villages of Batavia and Owensville. The City of Milford and the Village of Amelia have adopted the regulations, but have been conducting enforcement on their own.

In August 2010, the Clermont County Board of Commissioners adopted a revised Storm Water Management Plan to reflect changes to the program since it began in March 2003, and to address new requirements contained in the January 2009 permit renewal. A copy of the plan can be obtained at www.clermontstorm.net/swmp2010.pdf.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Print Name: John McManus

Print Title: Program Manager

Signature: _____

Date: _____

PUBLIC EDUCATION & OUTREACH

Estimate Your Permit Area's Total Population: 121,845

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<i>Storm Water Education Programs for Clermont K-12 School Children</i> Responsible Party – Clermont Soil & Water Conservation District (SWCD)	25 Enviroscape Programs	Teaches impacts of land use and point and nonpoint source pollution on water quality. This model helps students understand what a watershed is and how it works. Students place simulated pollutants on the land to see how we all contribute to water pollution.	K-12 School Children Goal of reaching 625 school children	100% (exceeded goal by 25)	26 presentations given in 2010 to 650 school children	Yes
	3 Streamulator Programs	The Streamulator is an interactive tool that shows how land use changes affect the quality and quantity of stormwater runoff, and how these changes can lead to the degradation of stream channels and water quality.	K-12 school children and general public Goal of reaching 75 school children	0% (goal alternatively met through different education programs listed below)	While no Streamulator programs were given in 2011, other programs (including 33 Soil & Erosion presentations) served to teach the school children about the same issues.	Yes
	15 additional storm water education programs	<p><u>Soil & Erosion Presentations</u></p> <p><i>Sum of the Parts:</i> Students demonstrate how everyone contributes to the pollution of a river and recognize that everyone has a responsibility to reduce their contribution</p> <p><i>Fred the Fish:</i> Students go on an imaginary journey with Fred the Fish to learn how different kinds of pollution affect the fish in a stream)</p> <p><i>Indoor /Outdoor Stream Monitoring:</i> Students utilize scientific inquiry to compare two different artificial streams. They seine for macro-invertebrates and learn how these macroinvertebrates can determine the quality of water in a stream.</p> <p><i>Web of Life/Links in the Chain:</i> By playing a game, students learn how pollution enters the aquatic ecosystem. They learn how non-point source pollution affects the organisms in the food chain of that ecosystem, what a food chain is, and how biological magnification affects those organisms.</p> <p>Poison Pump: By listening to clues, students apply investigative methods to trace the source of water contamination.</p>	K-12 school children Goal of reaching 375 school children	100% (exceeded goal by 1,975)	Goal exceeded - In addition to the Enviro-cape programs, the Clermont SWCD Educational Specialist conducted 94 storm water programs in County schools to 2,350 school children, including the following presentations: <ul style="list-style-type: none"> • Soil & Erosion Presentation (33) • Sum of the Parts (5) • Fred the Fish (9) • Indoor /Outdoor Stream Monitoring (32) • Web of Life/Links in the Chain (10) • Poison Pump (5) 	Yes

PUBLIC EDUCATION & OUTREACH cont...

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>Rain Garden Education Program</i></p> <p>Responsible Party - Clermont SWCD, Clermont Storm Water Dept.</p>	Goal – provide technical / management assistance to schools where demonstration rain gardens have been planted	To ensure that the 10 demonstration rain gardens planted in 2009 under a OEEF grant continue to thrive	Teachers and grounds maintenance personnel at schools with demonstration rain gardens	100%	Rain garden maintenance tips sent and discussed with all schools throughout the year. Staff from SWCD and Storm Water Dept. helped weed and maintain the gardens. Functionality problems at Batavia High School, Clermont Northeastern High and Pattison Elementary addressed. SWCD completely re-planted Batavia HS garden in fall 2010.	Yes
<p>Responsible Party – Clermont SWCD and Greenacres Foundation</p>	Conduct one teacher workshop on Rain Garden Lesson Guide	Review educational activities and updates to the Rain Garden Lesson Guide created in 2009 as part of OEEF project.	Local and regional K-12 teachers (especially those with demonstration rain gardens	100 percent (69 teachers attended 3 workshops)	Three teacher workshops were held, the first on Feb. 11 (7 teachers from 6 schools attended). Updated copies of the lesson guides were distributed along with monitoring supplies. Updates to the guide and specific activities were discussed, along with the use of the monitoring equipment, the performance of the demonstration rain gardens and needed maintenance. Two additional workshops were held on June 15 and June 22, each attended by 31 teachers.	Yes
<p>Responsible Party – Clermont Storm Water and Office of Public Information</p>	Develop and re-release at least two rain garden-related press releases	Provide general information related to basics of creating rain gardens and information on OEEF demonstration gardens being created at Clermont County schools	Those living and doing business in Clermont County that receive local newspapers.	100% (28,881 households receiving Community Press papers)	One press release to promote April 2010 plant and rain barrel sale held by Clermont SWCD. Second press release titled "A Rain Garden for Every Yard in Clermont County" detailing the rain garden study being conducted by Clermont and Miami University's Institute of Environmental Sciences. Resulted in article in Community Press papers.	Yes
<p>Responsible Party – Clermont Storm Water Department</p>	Distribute 500 rain garden brochures to local nurseries	To present the basics of creating a rain garden to home gardeners in an effort to increase the number of residential rain gardens in the county.	Home gardeners purchasing supplies at local plant nurseries.	95%	A total of 475 rain garden brochures were distributed to 11 separate plant stores in and around Clermont County.	Yes
<p>Responsible Party – Clermont SWCD</p>	Offer up to 10 residential rain garden grants	Provide financial/ technical assistance to home owners wishing to create their own rain gardens	Residential property owners in Clermont County	40%	The Soil & Water Conservation District provided \$100 rain garden grants to 4 residential property owners in 2010. In an effort to boost this number, the Clermont Stormwater Dept. is working with Miami University's Institute of Environmental Sciences to determine what barriers exist to residents planting their own rain gardens	Yes
<p>Responsible Party – Clermont Storm Water Department</p>	Maintain Clermont Rain Garden Central web site	Provide detailed information about the construction of rain gardens, from siting a location to planting and maintenance	Property owners that have or wish to create their own rain gardens	Unknown (County now using Google Analytics to track web hits, will be available in 2011)	"Clermont County Rain Garden Central" web site (www.clermontstorm.net/raingarden.aspx) includes 15 separate pages with detailed information about how to create a rain garden.	Yes

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>Rain Garden Education Program (continued)</i> Clermont Water Resources Department</p> <p>Responsible Party – Clermont Storm Water Department/Miami University</p>	<p>One notice on water and sewer utility bill promoting rain gardens</p> <p>Initiate rain garden social marketing study (to be completed in 2011)</p>	<p>Short notice on utility bill promoting the benefits of rain garden and directing people to the Clermont Rain Garden Central web site for more information.</p> <p>Conduct a social marketing study in an effort to determine barriers (either real or perceived) to individuals or businesses that might otherwise be interested in creating a rain garden, and benefits that might be highlighted. Design a pilot program that seeks to remove barriers and emphasize benefits.</p>	<p>Water and sewer customers of the Clermont County Water resources Department</p> <p>Residential and commercial property owners in Clermont County</p>	<p>100%</p> <p>Project approximately 40% complete at end of 2010</p>	<p>Educational message directing customers to Clermont's rain garden web site was included on approximately 40,000 utility bills in late summer 2010.</p> <p>A team of 5 graduate students from Miami University's Institute of Environmental Sciences is conducting a Public Service Project for the Clermont County Storm Water Department that involves a social marketing study to identify barriers and benefits that individuals or businesses may see when they consider creating a rain garden. By the end of 2010, the student team had completed background research and a draft of a survey to be sent to Clermont residents and began to make plans for a focus group meeting. At the end of their project in 2010, the students will have designed a pilot project to test methods of overcoming barriers and emphasizing the benefits of planting a rain garden.</p>	<p>Yes</p> <p>TBD</p>
<p><i>Riparian Zone Protection</i></p> <p>Responsible Party – Clermont Storm Water Department</p>	<p>One presentation regarding importance of riparian zone protection and stream setbacks</p>	<p>Importance of riparian zone protection and stream setbacks</p>	<p>Planning/zoning officials and members of development community</p>	<p>40% (4 of 10 political jurisdictions)</p>	<p>Sept. 21 presentation to the Middle East Fork balanced Growth Committee. 14 people in attendance, including planning/zoning representatives from Clermont County and 3 townships, as well as representatives from building community and other groups.</p>	<p>Yes</p>
<p><i>Illicit Discharge Education Program</i></p> <p>Responsible Party – Clermont MS4 munis./townships</p>	<p>"Storm Drain Labeling – 100 labels</p> <p>100 Illicit Discharge brochures</p>	<p>Label catch basins with "Don't Dump, Drains to River" message</p> <p>Brochures with information on how to spot and report illicit discharges</p>	<p>Residents of area served by storm sewers</p>	<p>364 storm drain labeled</p> <p>100 brochures provided to County libraries</p>	<p>The Village of Batavia labeled each of its 364 catch basins in 2010</p> <p>100 brochures titled "Spotting and Reporting Illegal Discharges" distributed at library branches throughout Clermont County</p>	<p>Yes</p> <p>Yes</p>
<p><i>Home Sewage Treatment Systems</i></p> <p>Responsible Party Clermont Health Dist.</p>	<p>One HSTS installer training session annually</p>	<p>Proper installation of new or replacement HSTSs</p>	<p>HSTS installers</p>	<p>60 people</p>	<p>As there was not much new information to present to installers over last year's workshop, the Health District did not host an official training session for installers in 2010. One-on-one assistance was provided through phone calls, emails and site visits. In its place, 4 training workshops were held for HSTS owners on March 18, April 29, May 20 and October 21. 60 people attended the 4 workshops.</p>	<p>Yes</p>
<p><i>East Fork Watershed Management Program Updates</i></p> <p>Responsible Party - Clermont SWCD</p>	<p>Distribute annual issue of "East Fork News & Notes"</p>	<p>Provide information on watershed plan development and implementation activities within the East Fork Little Miami River watershed</p>	<p>County Commissioners, City and Village Councils, Boards of Township Trustees, Soil & Water Conservation Districts and other stakeholders in East Fork watershed</p>	<p>0%</p>	<p>Updates on 2010 East Fork watershed management programs will be provided in early 2011 either through a printing of "East Fork News and Notes" or an electronic (email) summary of activities to the target audience.</p>	<p>Pending</p>

PUBLIC EDUCATION & OUTREACH cont...

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>East Fork Watershed Management Program Updates cont...</i></p> <p>Responsible Party - Clermont SWCD</p>	<p>Conduct one East Fork Watershed Collaborative stakeholders meeting</p>	<p>Provide information on watershed plan development and implementation activities within the East Fork Little Miami River watershed</p>	<p>Co. Commissioners, City/Village Councils, Twp. Trustees, SWCDs and other stakeholders in East Fork watershed</p>	<p>100% (Goal exceeded)</p>	<p>In 2010, Collaborative meetings focused on the Middle East Fork watershed, as the Collaborative is developing a watershed-based Balanced Growth Plan under a Balanced Growth Initiative Grant. In 2010, 10 meetings were held. More detailed information is provided in the Post-Construction Storm Water Management section of this report.</p>	<p>Yes</p>
<p><i>Electronic newsletter with information on local storm water news and events</i></p>	<p>Clermont Storm Water E-News – 12 electronic mailings a year; information sent out as E-News also posted under “Hot Topics” section on SW Dept. home page.</p>	<p>Present timely information on storm water-related news and events</p>	<p>Clermont County residents, those doing business within Clermont County, local news media – goal of 300 people registered</p>	<p>63% (Goal of 300; 189 people now registered to receive “Clermont Storm Water E-News”)</p>	<p>Storm Water E-News including postings with information on the following:</p> <ul style="list-style-type: none"> • 2010 Sediment and Erosion Control Field Day (4 postings) • U.S. EPA’s Green Streets Guide • CEO Storm Water Conference and Trade Show • SWCD Rain Barrels/Plant Sale (3 postings) • East Fork River Sweep (2 postings) • Ohio Storm Water Conference • ESRI Cincinnati Seminar for Stormwater Operations • CPESC/CESSWI training • April and August SWCD Pond Clinics • Ohio Storm Water Association Educational Meeting • Ohio EPA Lower Little Miami TMDL • CWP Permeable Paver Webinar • Great Miami River Watershed Network BMP Tour • CWP Rooftop Disconnection-Rainwater Harvesting Webinar • Ohio Watershed Network webinars • CWP “Better Site Design Gets Better” Webinar 	<p>Yes</p>
<p><i>Clermont Conservation Quarterly newsletter</i></p> <p>Responsible Party – Clermont SWCD</p>	<p>Publish four storm water-related articles in the SWCD newsletter</p>	<p>Various themes, including:</p> <ul style="list-style-type: none"> • Balanced Growth Planning • Rain gardens/barrels • Stormwater-friendly lawns • Pond management • Agricultural BMPs • Volunteer Litter Clean-ups 	<p>Clermont County property owners; those doing business within Clermont County; goal of 2000 subscriptions)</p>	<p>100% (Estimated that currently 2000 people receive newsletter)</p>	<p><i>Spring 2010 Edition</i> – included articles on award of Balanced Growth Initiative Grant, East Fork River Sweep, rain barrel and plant sale (and order form), mini grants offered by SWCD for new residential rain gardens, and April pond management clinic.</p> <p><i>Summer 2010 Edition</i> – included information on revamped Middle East Fork Balanced Growth kick-off meeting and partnership, rain barrels still available for purchase, stormwater-friendly lawns, the O’Bannon Creek streambank restoration project, an East Fork River Sweep wrap-up, and information on the August pond management clinic.</p>	<p>Yes</p>

PUBLIC EDUCATION & OUTREACH cont...

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>Clermont Conservation Quarterly newsletter cont...</i></p> <p>Responsible Party – Clermont SWCD</p>	<p>Publish four storm water-related articles in the SWCD newsletter</p>	<p>Various themes, including:</p> <ul style="list-style-type: none"> Balanced Growth Planning Rain gardens/barrels Stormwater-friendly lawns Pond management Agricultural BMPs Volunteer Litter Clean-ups 	<p>Clermont County property owners; those doing business within Clermont County; goal of 2000 subscriptions)</p>	<p>100% (Estimated that currently 2000 people receive newsletter)</p>	<p><i>Autumn 2010 Edition</i> – Included articles about financial incentive opportunities through Farm Bill programs, pond management tips, and Balanced Growth updates</p> <p><i>Winter 2010 Edition</i> – Included an update on the Balanced Growth Initiative and a summary of conservation BMPs installed in 2010.</p>	<p>Yes</p>
<p><i>Clermont Park District Newsletter</i></p> <p>Responsible Party – Clermont Park District</p>	<p>Publish one storm water-related article in Park District newsletter</p>	<p>Themes include water education programs, volunteer litter clean-ups, riparian forest presentation and the establishment of a new park.</p>	<p>Clermont County residents; goal of 300 subscriptions</p>	<p>Goal exceeded - currently 448 people subscribe to receive Park newsletter, plus it is distributed to all Clermont County employees (approx. 600 in total)</p>	<p><i>Spring 2010 Newsletter</i> – information about the April 24 East Fork River Sweep</p> <p><i>Summer 2010 Newsletter</i> – information about the June 19 Ohio River Sweep and the August 7 “What’s in the Water” program for young children at Sycamore Park in Batavia.</p> <p><i>Autumn 2010 Newsletter</i> – Included an article titled “Protecting Riparian Forests” and information about the Sycamore Park Stream Splash being held on the Great Outdoor Weekend (Sept. 25)</p> <p><i>Winter 2010 Newsletter</i> – Included information about the grand opening of the Park District’s newest park, 56-acre Shor Park in Union Township</p>	<p>Yes</p>
<p><i>Clermont County Citizen Newsletter</i></p> <p>Responsible Party – Clermont Storm Water Dept., Office of Public Information</p>	<p>Publish one storm water-related article in “On the Move” citizen newsletter</p>	<p>General storm water education and news about upcoming storm water-related events</p>	<p>Clermont County residents; goal of 300 web hits</p>	<p>134 web hits for July issue, 291 hits for September. Others unknown due to server problems. County now using Google Analytics to track web hits, which will improve reporting in 2011.</p>	<p>April 2010 Newsletter – includes articles about the Clean and Green Neighborhood Clean-up and the East Fork River Sweep</p> <p>May 2010 Newsletter – included an article summarizing the success of the Clean & Green clean-up</p> <p>June 2010 Newsletter – information about the June 19 Ohio River Sweep</p> <p>July 2010 Newsletter – an article about the Middle East Fork Balanced Growth Initiative and a notice about the Park District’s “What’s in the Water” program</p> <p>September 2010 Newsletter – a notice about the Great Outdoor Weekend activities including the Sycamore Park Stream Splash and East Fork Canoe Adventure</p>	<p>Yes</p>

PUBLIC EDUCATION & OUTREACH cont...

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>Municipal and Township Newsletters (continued)</i></p> <p>Responsible Party – Miami Twp., Milford, Monroe Twp., Ohio Twp., Stonelick Twp., Union Twp.</p>	<p>Publish one storm water-related article in each MS4 partner newsletter</p>	<p>General storm water education and news about upcoming storm water-related events</p>	<p>Residents of MS4 municipalities and townships that publish citizen newsletters</p>	No. of web hits unknown	<i>Amelia:</i> Posted article about de-icing alternatives to salt on home page of web site.	Unknown
				620 households	<i>Batavia Village:</i> Included article about de-icing alternatives to salt in the January 2010 "Village News"	Yes
				14,300 + est. 1,000 web site hits	<i>Miami Twp:</i> Spring newsletter included information on the Clean & Green litter pick-up and the Township clean-up days.	Yes
				XXX	<i>Milford:</i> Winter/Spring 2010 newsletter included information about the county-wide household hazardous waste collection program, a notice about the free used oil drop-off program offered by Clermont County, an article about de-icing alternatives to salt, and an article titled "Stoop and Scoop for Clean Stormwater." The Summer/Fall 2010 newsletter included information on the fall Make a Difference litter clean-up day. The Holiday 2010 newsletter included details about the City's pharmaceutical collection day and a reminder about illicit discharge regulations.	Yes
				Est. 3,000 residents	<i>Ohio:</i> The summer newsletter included an article titled "Lawns Can Be Green in More Than One Way" which provides steps homeowners can take to reduce pollutant runoff from their lawns.	Yes
				Est. 5,000 residents	<i>Stonelick:</i> The October newsletter included information about the Township Clean-up Days and a short article about the presentation the East Fork Watershed Coordinator gave about the Balanced Growth Initiative at the June Trustees meeting.	Yes
				Est. 22,000 residents	<i>Union Twp:</i> The Spring 2010 newsletter included information about the Spring Junk Days. The Summer 2010 newsletter included information about the Fall Junk Days and a reminder that it is illegal to dispose of items (other than storm water) into the storm water system.	Yes
<p>(Batavia Twp, Goshen Twp, Owensville and Pierce Twp do not publish citizen newsletters)</p>						

PUBLIC EDUCATION & OUTREACH cont...

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>Maintain educational materials on Storm Water Web Site</i></p> <p>Responsible Party – Clermont Storm Water Department</p>	<p>Maintain information on current news/events, BMP and pollution prevention fact sheets, educational materials, regulations & more</p>	<p>Storm water educational materials for a variety of topics at www.clermontstorm.net</p>	<p>Clermont County residents and those doing business within the county</p>	<p>100% (Slightly exceeded goal of 3000 hits per quarter)</p>	<p>Total number of hits increased each quarter: 1st quarter – 4,388 hits on home page (up from 2,786 in 2009) 2nd quarter – 4,675 hits (up from 2,899) 3rd quarter – 3,204 hits (up from 3,170) 4th quarter – 3,022 hits (down from 3,288)</p> <p>Total 2010 – 15,289 (26% increase from 2009) Avg. per quarter – 3,822 hits</p>	<p>Yes</p>
<p><i>Distribute "When it Rains, Clermont Drains" brochure</i></p> <p>Responsible Party – Clermont SWCD and Clermont Storm Water Department</p>	<p>Distribute 500 copies</p>	<p>10 easy things people can do to control storm water pollution</p>	<p>Clermont County residents and those doing business within the county</p>	<p>68% of goal (exceeded goal of 500 copies by 2,700 in 2009)</p>	<p>Clermont SWCD Education Specialist distributed approximately 300 copies.</p> <p>City of Milford distributed approximately 40 brochures as part of welcome packets to new residents.</p>	<p>Yes</p>
<p><i>Air storm water educational videos on local cable access channel</i></p> <p>Responsible Party – Clermont Storm Water Dept., Office of Public Information</p>	<p>Air general storm water education video for one week annually</p>	<p>General and varied information on storm water runoff and pollution</p>	<p>Residents and those doing business in Clermont County</p>	<p>100% of goal; exact viewership numbers not available, approx. 1,000 people see each program</p>	<p>Aired U.S. EPA "After the Storm" video twice daily from April 9 through April 16</p> <p>Interviews given for "Clermont County Today" cable TV program, which typically airs twice daily for one week (also available on County web site and YouTube), including:</p> <ul style="list-style-type: none"> April 2 edition - Interview with Clean & Green Coordinator about April Clean and Green Clean-up April 16 edition – Interview with SWCD staff about pond maintenance tips and upcoming management clinic June 11 edition – Interview with Clean & Green coordinator about importance of keeping waterways clean and litter-free July 23 edition – interview with Assistant County Administrator and East Fork Watershed coordinator about the Middle East Fork Balanced Growth Initiative September 3 edition – interview with OEQ and Park District staff about Great Outdoor Weekend activities on East Fork at Sycamore Park November 12 edition – interview with Solid Waste District Director about household hazardous waste disposal program 	<p>Yes</p> <p>Yes</p>

PUBLIC EDUCATION & OUTREACH cont...

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>Air storm water educational videos on local cable access channel continued</i></p> <p>Responsible Party – Clermont Storm Water Dept., Office of Public Information</p>	Air general storm water education video for one week annually	General and varied information on storm water runoff and pollution	Residents and those doing business in Clermont County	100% of goal; exact viewership numbers not available, approx. 1,000 people see each program	<p>Interviews given for “Clermont County Today” cable TV program, which typically airs twice daily for one week (also available on County web site and YouTube), including:</p> <ul style="list-style-type: none"> December 3 edition – interview with Fleet Maintenance staff about free used oil drop-off program offered by County (even deep-fried turkey oil) <p>Aired Ohio EPA video “Tempest in a Channel” from October 22-28 and from November 5-11 twice daily on average.</p>	<p>Yes</p> <p>Yes</p>
<p><i>Submit storm water-related articles to local newspapers</i></p> <p>Responsible Party – Clermont Storm Water Dept., Clermont Office of Environmental Quality (OEQ), Clermont SWCD, Clermont Office of Public Information</p>	Minimum two press releases annually	<p>Various storm-water related themes including:</p> <ul style="list-style-type: none"> Environmentally-friendly de-icing alternatives Septic system repairs or replacements Volunteer litter clean-ups Stormwater basin management SWMP revisions Balanced growth Swimming pool discharges WLWT Project Earth Used oil recycling Rain gardens 	Those living and doing business in Clermont County that receive local newspapers	<p>100% (28,881 households receiving Community Press papers)</p> <p>28,881 – Community Press</p> <p>14,100 - Sat. <i>Enquirer</i>; 28,881 - Community Press; 17,100 - <i>Clermont Sun</i></p> <p>28,881 -Community Press)</p> <p>Est. 1000 -CCG-TV</p> <p>17,100 - <i>Clermont Sun</i></p>	<p>“Fight Nice and Be Nice to our Environment” - environmentally friendly methods for de-icing/ alternatives to salt. Resulted in article in Community Press papers.</p> <p>“Is Your Septic System Sick?” - stated that Health District was accepting applications for Community Development Block Grants to assist homeowners with repairs to malfunctioning septic systems or to replace systems that are beyond repair. Resulted in article in Community Press newspapers.</p> <p>“Mother Nature Needs Help With Spring Cleaning” - promoting the annual Clean & Green litter clean-up. Resulted in articles in the <i>Cincinnati Enquirer</i>, Community Press papers, and two articles in the <i>Clermont Sun</i></p> <p>“Make Sure Your Yard is Greener This Spring” – promotes soil testing, fertilization only when necessary and other environmentally-friendly lawn care management practices. Resulted in article in the Community Press papers</p> <p>“Clermont Offers Free Pond Clinic” - Press release promoting the SWCD spring pond/retention basin management clinic. Resulted in no newspaper articles but story aired on Clermont County Government TV</p> <p>“18th Annual East Fork River Sweep” - Resulted in article promoting the East Fork cleanup in the <i>Clermont Sun</i>.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>

PUBLIC EDUCATION & OUTREACH cont...

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>Submit storm water-related articles to local newspapers cont...</i></p> <p>Responsible Party – Clermont Storm Water Dept., Clermont Office of Environmental Quality (OEQ), Clermont SWCD, Clermont Office of Public Information</p>	<p>Minimum two press releases annually</p>	<p>Various storm-water related themes including:</p> <ul style="list-style-type: none"> • Environmentally-friendly de-icing alternatives • Septic system repairs or replacements • Volunteer litter clean-ups • Stormwater basin management • SWMP revisions • Balanced growth • Swimming pool discharges • WLWT Project Earth • Used oil recycling • Rain gardens 	<p>Those living and doing business in Clermont County that receive local newspapers</p>	<p>14,690 - <i>Enquirer</i>; 28,881 - Community Press; 17,100 - <i>Clermont Sun</i></p>	<p>Press release promoting the annual Ohio River Sweep on June 19 and re-scheduled date on July 10. Resulted in articles in the weekday and Saturday <i>Cincinnati Enquirer</i>, <i>Clermont Sun</i> and Community Journal newspapers.</p>	Yes
				<p>28,881 - Community Press; 17,100 - <i>Clermont Sun</i></p>	<p>“Clermont Draft Storm Water Plan Ready for Your Review” – press release seeking comments on draft revised Storm Water Management Plan. Resulted in articles the <i>Clermont Sun</i> and Community Journal newspapers.</p>	Yes
				<p>28,881 - Community Press; 17,100 - <i>Clermont Sun</i></p>	<p>“Help Balance Growth Along the Middle East Fork” – press release highlighting the Middle East For Balanced Growth Initiative. Resulted in two articles in the <i>Clermont Sun</i> and an article in the Community Press newspapers.</p>	Yes
				<p>Articles appeared only on County web sites, not in local papers</p>	<p>“Everyone out of the Pool” – article discussing importance of ensuring that chlorine has dissipated before emptying pool water prior to winter.</p>	No
				<p>28,881 - Community Press</p>	<p>“Clermont Part of Project Earth Program” - highlights WLWT-Channel 5 and Regional Storm Water Collaborative “Project Earth” program. Resulted in an article in Community Press papers</p>	Yes
				<p>14,690 – <i>Enquirer</i></p>	<p>“Frying the Turkey This Thanksgiving? Recycle the Oil” – informs residents that used cooking oil as well as automotive fluids can be brought to Clermont County garage for recycling. Resulted in article in weekday <i>Cincinnati Enquirer</i> and story on WLWT-TV.</p>	Yes
				<p>28,881 - Community Press</p>	<p>“A Rain Garden for Every Yard in Clermont County” – a press release highlighting the cooperative effort between Clermont County and Miami University to conduct a rain garden social marketing program. Resulted in an article in the Community Press newspapers.</p>	Yes

PUBLIC EDUCATION & OUTREACH cont...

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>Conduct storm water presentations to interest groups</i></p> <p>Responsible Party – Clermont SWCD, Clermont OEQ, Clermont Storm Water Department, Clermont Park District</p>	<p>Minimum of three presentations annually</p>	<p>What's in the Water (Clermont Park District): Children and their parents use kick nets to explore what creatures are hiding below the surface of the East Fork Little Miami River</p>	<p>Clermont County children and their parents</p>	<p>7 people attended</p>	<p>August 7 - Participants learned about biological life in East Fork Little Miami River</p>	<p>Yes</p>
		<p>"A Case for Riparian Buffer Set-backs" - Importance of riparian zone protection and stream set-backs</p>	<p>Planning/zoning officials and members of development community</p>	<p>14 people attended</p>	<p>Sept. 21 presentation to the Middle East Fork balanced Growth Committee. 14 people attended, including planning/zoning representatives from Clermont County and three townships, as well as representatives from building community and other groups.</p>	<p>Yes</p>
		<p>Great Outdoor Weekend - Sycamore Park Stream Splash and East Fork Canoe Adventure</p>	<p>Clermont County residents</p>	<p>54 people attended</p>	<p>September 25 – participants took a canoe ride on the East Fork from a point below Harsha Dam to Sycamore Park upstream of Batavia, learning about the health of the East Fork and the environmental threats. At Sycamore Park, Ohio EPA and Clermont OEQ conducted an electrofishing demonstration and the SWCD educational specialist presented information about macroinvertebrates.</p>	<p>Yes</p>
		<p>Ohio River Basin Consortium for Research and Education (ORBCRE) –"Utilizing Partnerships and Existing Programs to Implement a Small MS4 Program"</p>	<p>ORBCRE Symposium attendees</p>	<p>Est. 50 people attended</p>	<p>October 18 – presented information on how Clermont County has successfully implemented its small MS4 programs without a storm water utility or the use of outside consultants.</p>	<p>Yes</p>
<p><i>Project Earth</i></p> <p>Responsible Party – Clermont Storm Water Department, Regional Storm Water Collaborative, WLWT-TV</p>	<p>Establish working agreement with local TV station, air environmental stories on local news, develop companion web site.</p>	<p>Develop relationship with local TV station to air environmentally-related programs on local news 3x/week on average, develop companion web site</p>	<p>Those living and doing business throughout Greater Cincinnati, including all of Clermont County</p>	<p>Viewing audience for stories on local news broadcasts: 5:00 pm – 43,000 5:30 pm – 38,000 6:00 pm - 50,000 11:00 pm – 62,000</p> <p>Web site – 4,066 hits from 896 unique visitors</p>	<p>The Regional Storm Water Collaborative entered into an agreement with WLWT-Channel 5 to create "Project Earth," which kicked off on September 21. Specifics include:</p> <p>45 separate stories aired on "Project Earth" segment of WLWT newscast</p> <p>87 "Project Earth" promotional ads and 200 promotional Weather Plus advertising spots</p> <p>Web site developed and maintained - www.wlwt.com/project-earth/index.html. From start of project through December, total of 4,066 web hits from 896 unique visitors</p>	<p>Yes</p>

PUBLIC EDUCATION & OUTREACH cont...

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
<p><i>Construction site runoff control education</i></p> <p>Responsible Party – Clermont Storm Water Department, Clermont SWCD</p>	Host Annual Erosion & Sediment Control Field Day	BMPs for construction site runoff control	Members of the development community; county, municipal and township regulators	80% of goal of 150 people	The 7 th Erosion & Sediment Control Field Day was held on February 24, 2010 at the Clermont County Fairgrounds in Owensville. 120 people attended. The event included a presentation from the National Homebuilders Association's Director of Green Building Programs, site stabilization and restoration information from Cincinnati State's Coordinator of Grounds Services, and BMP demonstrations.	Yes
<p><i>Retention Basin Maintenance</i></p> <p>Responsible Party – Clermont SWCD, Clermont Storm Water Department</p>	Host one pond management clinic	Maintenance of storm water retention basin	Homeowners associations, individual and commercial operators of private retention basins	Total of 48 (2 shy of goal) - 36 people attended April 27 clinic, 12 attended August 10 clinic	Two free pond clinics were held by SWCD staff on April 27 and August 10. The Pond Clinics reviewed the purpose and function of retention ponds and provided information on inspections that should be conducted and how to troubleshoot problems. The Clinics also offered tips on aquatic weed control, fish stocking, aeration and goose control.	Yes
<p><i>Education Notices on utility bills for Clermont County water and sewer customers</i></p> <p>Responsible Party – Clermont County Water Resources Department</p>	Two storm water-related educational notices on water & sewer utility bills	General storm water education messages	Customers of Clermont County Water Resources Department	100% of Water Resources Department customers	<p>Three billing notices:</p> <p><i>January</i> – message stating "Don't dump waste into a storm sewer. Storm sewers empty into local streams, not a treatment plant. Visit www.oeq.net for proper disposal information.</p> <p><i>September</i> – message encouraging the planting of rain gardens.</p> <p><i>October</i> – message promoting the November 13 pharmaceutical drop off day four locations in Clermont County</p>	Yes
<p><i>East Fork Lake Marine Debris Prevention</i></p> <p>Responsible Party – Clermont SWCD and East Fork State Park</p>	Install 2 educational kiosks and 10 marine debris education signs, develop marine debris educational brochure	Preventing marine debris in the East Fork watershed	Recreational users at East Fork State Park and Lake	Unknown	2 educational kiosks and 10 educational signs installed with the assistance of a BoatUS Foundation Grant. Brochures developed and available at East Fork State Park.	Yes

PUBLIC EDUCATION & OUTREACH

- Summarize activities you plan to undertake during the next reporting cycle.

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience to be Reached	Summary of Planned Activities	Proposed Schedule
<p><i>Erosion & Sediment Control Field Day</i></p> <p>Responsible Party – Clermont Stormwater Department, Soil & Water Conservation District (SWCD) with Greater Cincinnati SWCDs</p>	Host Erosion & Sediment Control Field Day	BMPs for construction site runoff control	Members of the development community; county, municipal and township regulators	50 people	See measurable goals	October 2011
<p><i>Detention/Retention Basin Maintenance</i></p> <p>Responsible Party – Clermont Stormwater Department, Clermont SWCD</p>	Develop templates for detention/retention basin maintenance plan, distribute to homeowners associations	Maintenance of detention and retention basins	Post-construction operators of detention and retention basins	All known homeowners associations that have responsibility for detention and retention basin maintenance	See measurable goals	Summer 2011
	Host one pond management clinic	Maintenance of storm water retention basin	Homeowners associations, individual and commercial operators of private retention basins	Goal of 50 operators	See measurable goals	April 2011
<p><i>Rain Garden Education Program</i></p> <p>Responsible Party - Clermont SWCD, Clermont Storm Water Dept. with Miami University</p>	<p>Complete social marketing study with Miami University</p> <p>Maintain demonstration rain gardens</p> <p>Offer up to 10 residential rain garden grants</p> <p>Maintain Clermont Rain Garden Central web site</p> <p>Conduct one rain garden educational presentation</p> <p>Develop and release at least one rain garden-related press releases</p>	To present the basics of creating a rain garden to teachers/students including site location, sizing the garden, plant selection, layout and care; and to illustrate function and aesthetic qualities to general public by creating demonstration rain gardens in very visible locations.	All property owners in Clermont County	50% of MS4 population	See measurable goals	Throughout year, with heavy focus during spring time

PUBLIC EDUCATION & OUTREACH continued

- Summarize activities you plan to undertake during the next reporting cycle.

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience to be Reached	Summary of Planned Activities	Proposed Schedule
<i>Illicit Discharge Education Program</i> Responsible Party – Clermont SWCD	Distribute 500 copies of “When It Rains, Clermont Drains” brochure	10 easy things people can do to control storm water pollution	Clermont County residents and those doing business within the county	500 people	See measurable goals	Continual distribution throughout year
<i>Home Sewage Treatment System Education Program</i> Responsible Party – Clermont SWCD	Distribute “Septic Gazette” to homeowners prior to inspections; HSTS care and maintenance fact sheets after inspections	Proper HSTS care and maintenance	HSTS owners	3,500 homeowners	See measurable goals	Throughout year
	Conduct HSTS installer training session	Proper HSTS installation methods	HSTS installers	25 installers		
<i>Youth Education / Awareness</i> Responsible Party – Clermont SWCD, Storm Water Dept.	50 K-12 In-Class Education Programs	Various, depending upon type of presentation (see details provided in 2010 activity summary above)	K-12 School Children	1,250 School Children	See measurable goals	Throughout school year
	Develop mini stormwater lessons for schools	General stormwater education				
<i>Lawn Care/Landscaping Education</i> Responsible Party – Clermont SWCD, Storm Water Dept.	Develop & distribute lawn care pollution prevention brochure	Lawn care practices designed to minimize pollutant runoff	Residential property owners	2000 copies distributed to local lawn and garden centers	See measurable goals	Spring-Summer 2011
	Lawn care pollution prevention interview for “Clermont County Today” program					
<i>East Fork Watershed Management Program Updates</i> Responsible Party - Clermont SWCD	Distribute annual issue of “East Fork News & Notes”	Provide information on watershed plan development and implementation activities within the East Fork Little Miami River watershed	County Commissioners, City and Village Councils, Boards of Township Trustees, Soil & Water Conservation Districts and other stakeholders in East Fork watershed	400 elected officials, SWCD staff another watershed stakeholders	See measurable goals	Spring 2011 (East Fork News & Notes) Fall 2011 (Collaborative meeting)
	Conduct one East Fork Watershed Collaborative stakeholders meeting					
<i>Electronic newsletter with information on local storm water news and events</i> Responsible Party – Clermont Storm Water Department	Clermont Storm Water E-News – 12 electronic mailings a year; information sent out as E-News also posted under “Hot Topics” section on SW Dept. home page.	Present timely information on storm water-related news and events	Clermont County residents, those doing business within Clermont County, local news media	Goal of 300 people registered	See measurable goals	Continual postings through 2011

PUBLIC EDUCATION & OUTREACH continued

- Summarize activities you plan to undertake during the next reporting cycle.

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience to be Reached	Summary of Planned Activities	Proposed Schedule
Maintain educational materials on Storm Water Web Site Responsible Party – Clermont Storm Water Department	Maintain information on current news/ events, BMP/ pollution prevention fact sheets, educational materials, regulations & more	Storm water educational materials for a variety of topics at www.clermontstorm.net	Clermont County residents and those doing business within the county	Goal of 3,000 hits per quarter	See measurable goals	Continual maintenance throughout year
Clermont Conservation Quarterly newsletter Responsible Party - Clermont SWCD	Publish four storm water-related articles in the SWCD newsletter	Present timely information on storm water-related news and events	Clermont County residents, those doing business within Clermont County	Goal of 2000 subscriptions	See measurable goals	Publications in spring, summer, fall and winter
Clermont Park District Newsletter Responsible Party – Clermont Park District	Publish two storm water-related article in Park District electronic newsletter	General storm water education	Clermont County residents, those doing business within Clermont County	Goal of 300 subscriptions	See measurable goals	Publications in spring, summer, fall and winter
Municipal and Township Newsletters Responsible Party – City of Milford, Miami, Monroe, Ohio, Stonelick and Union Twps.	Publish one storm water-related article in each MS4 partner newsletter	General storm water education and news about upcoming storm water-related events	Residents of MS4 municipalities and townships that publish citizen newsletters	50% of residents of municipalities and townships that publish newsletters	See measurable goals	Publications in spring, summer, fall and winter
Air storm water educational videos on local cable access channel Responsible Party – Clermont Storm Water Dept., Office of Public Information	Air general storm water education video for one week annually	General information on storm water runoff and pollution	Residents and those doing business in Clermont County	Approx. 1,000 viewers per program	See measurable goals	Spring 2011
Submit storm water-related articles to local newspapers Responsible Party - Clermont Storm Water Dept., Clermont Office of Environmental Quality (OEQ), Clermont SWCD, Clermont Office of Public Information	Minimum two press releases annually	Various storm water education themes	Those living and doing business in Clermont County that receive local newspapers	25,000 households	See measurable goals	Throughout 2011

PUBLIC EDUCATION & OUTREACH continued

- Summarize activities you plan to undertake during the next reporting cycle.

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience to be Reached	Summary of Planned Activities	Proposed Schedule
Education Notices on utility bills for Clermont County water and sewer customers Responsible Party – Clermont County Water Resources Department	Two storm water-related educational notices on water & sewer utility bills	General storm water education messages	Customers of Clermont County Water Resources Department	100% of Water Resources Department customers	See measurable goals	Early and late 2011 billing cycles
Project Earth Responsible Party – Clermont Storm Water Department, Regional Stormwater Collaborative, WLWT	Active participation with Project Earth to air environmentally-related stories on WLWT local news programs and maintain companion web site	Various storm water and watershed-related education themes	Those living and doing business in the Greater Cincinnati area (including Clermont County)	Average of 3 local news stories aired per week, goal of 2000 web site hits 50% of population in Clermont County urbanized area	See measurable goals	Throughout 2011

PUBLIC INVOLVEMENT/PARTICIPATION

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
<p><i>Phase II Storm Water Committee</i></p> <p>Responsible Party – Clermont Storm Water Department</p>	Minimum one committee meeting annually	Implementation of activities in Clermont County Storm Water Management Plan; review and revision of plan	Representatives of Clermont County MS4 co-permittees	20 active participants from all 13 co-permittees and 7 county-level departments	Two meetings were held in 2009, including one in late December. Official meeting was not needed in 2010; however, the committee stayed active through e-mails and direct phone calls and did get together during the annual pollution prevention training session (described below under MCM#6)	Yes
<p><i>Science Advisory Committee</i></p> <p>Responsible Party – Clermont OEQ</p>	Annual meeting in Jan-Feb.; development of yearly stream monitoring and sampling program	Water quality monitoring and sampling, illicit discharge detection, source water protection, TMDL development	Clermont County Water Resources Department (including water, wastewater, stormwater divisions and OEQ), USEPA Office of Research and Development, US Army Corps of Engineers, UC Clermont College, USDA-NRCS, Farm Services Agency and others	25 active participants – number of attendees varies at each meeting.	Because of the vast amount of monitoring, sampling and research being conducted in the East Fork watershed, participants in the January Scientific Advisory meeting decided that more frequent meetings were necessary to coordinate efforts and created the East Fork Watershed Cooperative. The Cooperative met 11 times throughout 2012 to coordinate sampling efforts and to work toward a total water management system for Lake Harsha.	Yes
<p><i>East Fork Watershed Collaborative Meeting</i></p> <p>Responsible Party – Clermont SWCD</p>	Annual meeting of East Fork Watershed Collaborative	Development of a watershed-based Balanced Growth Plan for the Middle East Fork watershed.	Elected officials, zoning officials, development community, environmental professionals, Farm Services Agency and residents of the Middle East Fork watershed. Three separate committees established – Public Stakeholders, Technical Committee and Private Sector Incentives Subcommittee	<p><u>Public Stakeholder Mtgs:</u> May 5 – 27 participants Aug 10 – 17 participants Oct 13 - 11 participants</p> <p><u>Technical Committee</u> May 26 – 15 participants Jun 29 – 16 participants Jul 29 – 16 participants Aug 17 – 16 participants Sep 21 – 14 participants</p> <p><u>Private Sector /Incentives</u> Aug 4 – 16 participants Sep 27 – 13 participants</p>	In 2010, Collaborative meetings have focused on the Middle East Fork watershed, as the Collaborative is developing a watershed-based Balanced Growth Plan under a Balanced Growth Initiative Grant. In 2010, 10 stakeholder committee meetings were held. More detailed information is provided in the Post-Construction Storm Water Management section of this report.	Yes
<p><i>Milford Storm Water and Hazard Mitigation Committee</i></p> <p>Responsible Party – City of Milford</p>	Minimum one meeting annually	Provides opportunity to residents to give feedback on City's storm water and hazard mitigation programs	City of Milford residents	Meetings held on Sept. 30, Oct. 13 and Oct. 28; 6 people attended the September meeting, 4 attended the Oct. 13 meeting and 7 attended the Oct. 28 meeting.	Items discussed included Milford's Wellhead Protection Plan, ongoing CSO projects, and storm water-related aspects of the City's Hazard Mitigation Action Plan, including riparian zone maintenance, planned unit developments to protect the Little Miami River and promotion of storm water BMP credits.	Yes

PUBLIC INVOLVEMENT/PARTICIPATION continued

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
<p><i>Pierce Township Green Space Committee</i></p> <p>Responsible Party – Pierce Township</p>	Monthly meetings of Green Space Committee	Preserve land via acquisition, conservation easement, conservation development, covenants or other methods that has ecological significance, natural corridor potential, aesthetic or scenic value, or inherent traits that contribute to the positive character of the Township.	Residents of Pierce Township	Est. 60 total participants, number of attendees per meeting varies.	12 meetings held in 2010. No property acquired in 2010.	Yes
<p><i>Saturday Stream Snap Shot Volunteer Monitoring Program</i></p> <p>Responsible Party – Clermont Storm Water Department, Greenacres Foundation</p>	Monthly volunteer stream sampling for bacteria and nutrients from 33 stream and lake locations in Clermont County	Volunteer water quality monitoring	Residents interested in learning about stream quality and sampling	21 volunteers helped with sampling (approx. 239 volunteer hours), while 8 residents and 7 students helped with transporting samples and analysis (approx 392 volunteer hours). Totals – 36 volunteers, 631 hours.	Monthly phosphate, nitrate-nitrite, fecal coliform, pH, turbidity and conductivity data from 33 sampling locations in Clermont County, March through November 2010	Yes
<p><i>Clean & Green Neighborhood Clean-up</i></p> <p>Responsible Party – Clermont OEQ and Clermont 20/20</p>	Annual volunteer litter clean-up during Earth Week	Litter prevention, reduction of solids and floatables in local waterways	Residents and those doing business within Clermont County	877 participants	Volunteers collected 1,629 bags of litter, 22 tires and 10,075 lbs. of recyclable materials in 15 different, plus numerous miscellaneous items.	Yes
<p><i>East Fork River Sweep</i></p> <p>Responsible Party – Clermont SWCD, Clermont OEQ, Clermont Park District, Clermont Storm Water Dept</p>	Annual volunteer river bank clean-up in April	Litter prevention, reduction of solids and floatables in local waterways; general awareness of East Fork as a natural resource	Residents and those doing business within Clermont County	157 participants (431 volunteer hours)	Cleaned 10 miles of river bank plus 4.25 miles of East Fork and Stonelick Lake shoreline, collected 23 55-gal. bags of trash, 60 33-gal. bags of trash, 40 13-gal. bags of trash, 12 tires, 10 balls, scrap metal, 2 30-gal barrels, 2 propane tanks, 2 metal drums, a patio chair, construction barrel, grocery cart, guard rail, box springs, a Big Wheel and a bed pan, among other items.	Yes
<p><i>Ohio River Sweep</i></p> <p>Responsible Party – Clermont OEQ, Clermont 20/20, U.S. Army Corps of Engineers, ORSANCO</p>	Annual clean-up of Ohio River shores on the 3 rd Saturday in June	Litter prevention, reduction of solids and floatables in local waterways; general awareness of Ohio River as a natural resource	Residents and those doing business within Clermont County	270 participants	The Ohio River Sweep was postponed until July 10 due to storms and high water. Participation was down slightly from previous years. Cleaned 925 bags of trash, 47 tires and miscellaneous items from the banks of the Ohio River at Chilo, Moscow, Neville and New Richmond, plus multiple campgrounds along the river.	Yes

PUBLIC INVOLVEMENT/PARTICIPATION continued

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
<p><i>City of Milford "Make-a-Difference" Day</i></p> <p>Responsible Party – City of Milford</p>	Volunteer litter clean-up in Milford in October	Litter prevention, reduction of solids and floatables in local waterways	Residents and those doing business within City of Milford	217 participants	On October 23, 217 volunteers collected 20 bags of recyclable material and 105 bags of solid waste along with tires, chairs, a stove and a vacuum from the banks of the East Fork near Rivers Edge	Yes
<p><i>Hazardous Waste Disposal and Recycling Program</i></p> <p>Responsible Party – Adams-Clermont Solid Waste District</p>	Availability of year round disposal and recycling opportunities for automotive fluids, mercury, appliances and household hazardous wastes	Proper disposal of hazardous waste materials, prevention of illicit discharges/illegal dumping	Residents and those doing business within Clermont County	24 people dropped off motor oil/antifreeze	1,040 gallons motor oil and 10 gallons of antifreeze collected and recycled by Clermont County Fleet Maintenance	Yes
				Approx. 10 people dropped off mercury	Est. 25 lbs of mercury collected by Solid Waste District and given to Ohio EPA for proper disposal	Yes
				206 people dropped off appliances at local Clean-up Days or at Clermont County garage	206 refrigerant containing appliances collected and sent to Adams-Brown Recycling	Yes
<p><i>Spring Clean-up Days</i></p> <p>Responsible Party – Amelia, Batavia Township, Batavia Village, Miami Township, Monroe Township, Village of Owensville, Stonelick Township and Union Township</p>	Prevent illegal dumping by providing residents with no-cost opportunity to properly dispose of hard-to-get-rid-of items	Proper disposal of large/hard-to-get rid of items, prevention of illegal dumping/illicit discharges	Residents of Amelia, Batavia Township, Batavia Village, Miami Township, Monroe Township, Village of Owensville, Stonelick Township and Union Township	55 people requested vouchers for household hazardous waste disposal	55 vouchers for disposal of various household hazardous waste items at Environmental Enterprises in Cincinnati	Yes
				Amelia – estimated 250 participants	The Village of Amelia collected approximately 50 tons of miscellaneous waste during its Junk Days on June 12.	Yes
				Batavia Township/Village – estimated 400 participants total for both clean-ups	Spring clean-up days (May 5-6) – filled 3 30-yd ³ dumpsters with misc. items, 3 rear loader garbage trucks and collected 88 tires, 9 refrigerators	Yes
		Spring: 881 vehicles, Fall: 545 vehicles,		Miami Township – total 1,426 participants (881 in spring and 545 in fall)	Fall clean-up days – filled 3 30-yd ³ dumpsters with misc. items, 2 rear loader garbage trucks and collected 6 refrigerators and 97 tires.	Yes
					<p><i>Spring totals:</i> 130.97 tons trash (69.07 tons 30 yd. containers, 61.90 tons rear loaders), 10,377 lbs. steel, 1,617 lbs. lead batteries</p> <p><i>Fall totals:</i> 84.5 tons trash (25.63 tons 30 yd. containers, 58.87 tons rear loaders), 16,760 lbs. steel, 1,500 lbs. lead batteries</p>	Yes

PUBLIC INVOLVEMENT/PARTICIPATION continued

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People Participated	Summary of Results	Effective (Yes or No)
<p><i>Spring Clean-up Days continued</i></p> <p>Responsible Party – Amelia, Batavia Township, Batavia Village, Miami Township, Monroe Township, Village of Owensville, Stonelick Township and Union Township</p>	<p>Prevent illegal dumping by providing residents with no-cost opportunity to properly dispose of hard-to-get-rid-of items</p>	<p>Proper disposal of large/hard-to-get rid of items, prevention of illegal dumping/illicit discharges</p>	<p>Residents of Amelia, Batavia Township, Batavia Village, Miami Township, Monroe Township, Village of Owensville, Stonelick Township and Union Township</p>	<p>Monroe Township - estimated 450 participants</p> <p>Stonelick Township/Owensville – 373 residents.</p> <p>Union Township - approximately 975 for all Clean-up Days</p>	<p>Clean-up days held in June. Filled 6 30-cu. yd. dumpsters, 2 compactor trucks with misc. items, 1 60-cu. yd. dumpsters with scrap metal, and collected 320 tires</p> <p>Clean-up days held on April 30 and May 1. Filled 7 30-yd³ dumpsters and 9 compactor trucks with misc. items, and collected approximately 2,240 tires, 25 refrigerators, 17 air conditioners, 350 gallons of motor oil and an estimated 35,000 lbs. of scrap metal</p> <p>Spring Clean-up Days held on April 19-24. 29 garbage trucks were filled and 65 refrigerators were collected.</p> <p>Fall Clean-up Days held on October 14-16. 19 garbage trucks were filled and 17 refrigerators were collected.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>
<p><i>Storm Water Management Plan Revisions – Public Review and Comment</i></p> <p>Responsible Party – Clermont Storm Water Department</p>	<p>30-day Public Comment Period for Draft Storm Water Management Plan Revisions</p>	<p>Public opportunity to review changes to Storm Water Management Plan</p>	<p>Residents and those doing business in Clermont County</p>	<p>Comments received from only 2 people</p>	<p>Draft Storm Water Management Plan released for public review and comment on May 6. Comment period closed on June 7. Press release issued. Draft plan and summary of revisions both posted at www.clermontstorm.net, and copies mailed upon request. One comment received from Union Township resident and comments received from Ohio EPA SW District Office.</p>	<p>Yes</p>
<p><i>Water Management and Sediment Control Regulations Revisions – Public Review and Comment</i></p>	<p>Establishment of public stakeholder committee to review and suggest revisions to WMSC regulations</p>	<p>Review of proposed changes to WMSC Regulations</p>	<p>Residents and those doing business in Clermont County</p>	<p>21 people participated on WMSC Review Committee</p>	<p>Two committee meetings held on February 17 and December 14. Final draft document completed by end of 2010. Two public hearings will be held in 2011 before adoption of final regulations</p>	<p>Yes</p>

PUBLIC INVOLVEMENT/PARTICIPATION

- Summarize activities you plan to undertake during the next reporting cycle.

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People to Participate	Summary of Planned Activities	Proposed Schedule
<p><i>Phase II Storm Water Committee</i></p> <p>Responsible Party – Clermont Storm Water Department</p>	Minimum one committee meeting annually	Implementation of activities in Clermont County Storm Water Management Plan; review and revision of plan	Representatives of Clermont County MS4 co-permittees	15	See measurable goal	Late 2011 (after release of USEPA draft rules)
<p><i>East Fork Watershed Cooperative Meetings (formally Science Advisory Committee)</i></p> <p>Responsible Party – Clermont County OEQ, Water Resources Department</p>	Regular meetings to coordinate watershed monitoring activities among County, USEPA, Corps of Engineers, and implementation of demonstration studies	Water quality monitoring and sampling; illicit discharge detection	US EPA Office of Research & Development, Corps of Engineers, Farm Services Agency, USDA-NRCS, UC Clermont College	15	See measurable goal	Estimated 8 meetings throughout year, beginning in January 2011
<p><i>East Fork Watershed Collaborative Meeting</i></p> <p>Responsible Party – Clermont SWCD</p>	Annual meeting of East Fork Watershed Collaborative	Development and implementation of watershed action plans, review of potential stream quality improvement projects in East Fork Watershed	Elected officials, Soil & Water Conservation Districts, Corps of Engineers, residents and those doing business within the East Fork watershed	25	See measurable goal	Fall 2011
<p><i>Middle East Fork Balanced Growth Committee meetings</i></p>	Meetings of Balanced Growth Stakeholder Committee and Technical Committee to develop draft Balanced Growth Plan	Development of Balanced Growth Plan for Middle East Fork watershed	Officials and residents of local governments within Middle East Fork watershed, environmental groups, development community, farming community	20	See measurable goal	Committee meetings throughout year, draft Balanced Growth plan by December 2011
<p><i>Milford Storm Water and Hazard Mitigation Committee</i></p> <p>Responsible Party – City of Milford</p>	Minimum one meeting annually	Provides opportunity to residents to give feedback on City's storm water and hazard mitigation programs	City of Milford residents	10	See measurable goal	Mid 2011
<p><i>Pierce Township Green Space Committee</i></p> <p>Responsible Party – Pierce Township</p>	Monthly meetings of Green Space Committee	Preserve land via acquisition, conservation easement, conservation development, covenants or other methods that has ecological significance, natural corridor potential, aesthetic or scenic value	Residents of Pierce Township	10	See measurable goal	Monthly throughout 2011

PUBLIC INVOLVEMENT/PARTICIPATION continued

- Summarize activities you plan to undertake during the next reporting cycle.

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People to Participate	Summary of Planned Activities	Proposed Schedule
<p><i>Storm Water Education and Awareness Team meeting</i></p> <p>Responsible Party – Clermont Storm Water Department, Clermont SWCD</p>	One meeting of Storm Water Education and Awareness Team	Meeting of local educators to review and provide feedback on local storm water education programs	Local teachers	10	See Measurable Goal	Fall 2011
<p><i>Saturday Stream Snap Shot Volunteer Monitoring Program</i></p> <p>Responsible Party – Clermont Storm Water Department, Greenacres Foundation</p>	Monthly volunteer stream sampling for bacteria and nutrients from 24 locations in Clermont County	Volunteer water quality monitoring	Residents interested in learning about stream quality and sampling	21	See Measurable Goal	March-November 2011
<p><i>Clean & Green Neighborhood Clean-up</i></p> <p>Responsible Party – Clermont OEQ and Clermont 20/20</p>	Annual volunteer litter clean-up during Earth Week	Litter prevention, reduction of solids and floatables in local waterways	Residents and those doing business within Clermont County	600	See Measurable Goal	April 9, 2011
<p><i>East Fork River Sweep</i></p> <p>Responsible Party – Clermont SWCD, Clermont OEQ, Clermont Park District, Clermont Storm Water Dept</p>	Annual volunteer river bank clean-up in April	Litter prevention, reduction of solids and floatables in local waterways; general awareness of East Fork as a natural resource	Residents and those doing business within Clermont County	200	See Measurable Goal	April 30, 2011
<p><i>Ohio River Sweep</i></p> <p>Responsible Party – Clermont OEQ, U.S. Army Corps of Engineers, ORSANCO</p>	Annual clean-up of Ohio River shores on the 3 rd Saturday in June	Litter prevention, reduction of solids and floatables in local waterways; general awareness of Ohio River as a natural resource	Residents and those doing business within Clermont County	300	See Measurable Goal	June 18, 2011
<p><i>City of Milford "Make-a-Difference" Day</i></p> <p>Responsible Party – City of Milford</p>	Volunteer litter clean-up in Milford in October	Litter prevention, reduction of solids and floatables in local waterways	Residents and those doing business within City of Milford	125	See Measurable Goal	October 2011

PUBLIC INVOLVEMENT/PARTICIPATION continued

- Summarize activities you plan to undertake during the next reporting cycle.

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People to Participate	Summary of Planned Activities	Proposed Schedule
<p><i>Hazardous Waste Disposal and Recycling Program</i></p> <p>Responsible Party – Adams-Clermont Solid Waste District</p>	Availability of year round disposal and recycling opportunities for automotive fluids, mercury, appliances and household hazardous wastes	Proper disposal of hazardous waste materials, prevention of illicit discharges/illegal dumping	Residents and those doing business within Clermont County	150	See Measurable Goal	Throughout 2011
<p><i>Spring Clean-up Days</i></p> <p>Responsible Party – Amelia, Batavia Township, Batavia Village, Miami Township, Monroe Township, Village of Owensville, Stonelick Township and Union Township</p>	Prevent illegal dumping by providing residents with no-cost opportunity to properly dispose of hard-to-get-rid-of items	Proper disposal of large/hard-to-get rid of items, prevention of illegal dumping/illicit discharges	Residents of Amelia, Batavia Township, Batavia Village, Miami Township, Monroe Township, Village of Owensville, Stonelick Township and Union Township	Varies based on township/municipality	See Measurable Goal	Spring and Fall 2011
<p><i>Rain Garden Survey and Focus Group Meeting</i></p> <p>Responsible Party – Clermont Storm Water Dept. with Miami University</p>	Distribute 1000 surveys and conduct one focus group meeting to identify perceived barriers and benefits associated with rain gardens	Identify perceived barriers and benefits associated with rain gardens	Clermont County residents	100	See Measurable Goal	Survey and focus group in 1 st Quarter of 2011 Final report by Fall 2011

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))	Summary of Results or Activities	Effective (Yes or No)
<p><i>Ordinance or Other Regulatory Mechanism</i></p> <p>Responsible Party – Clermont Storm Water Management Dept.</p>	Established illicit discharge regulations	Yes	Section 8 of Clermont County Water Management & Sediment Control Regulations http://permit.clermontcountyohio.gov/WMSCRegulations.aspx	“Rules and Regulations Regarding Illicit Discharges and Illegal Connections to the Separate Storm Sewer System” established as Article 8.0 of the WMSC regulations, effective July 30, 2007	Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates		Effective (Yes or No)
<p><i>Storm Sewer System Map</i></p> <p>Responsible Party – Clermont Storm Water Management Dept.</p>	Comprehensive map of storm water conveyance system serving Clermont County	No (in progress)	To date, all storm water outfalls have been mapped and recorded in a GIS layer. A total of 708 public and 2,888 private outfalls have been identified. The Storm Water Management Department is in the process of developing a comprehensive GIS layer for all components of the storm water conveyance system. The layer includes location information for storm sewers, ditch lines, catch basins, manholes, inlets, outlets and BMPs, as well as attribute information for each structure map (such as size, material and condition). The GIS layer has been completed for the Lower East Fork Little Miami River watershed, three smaller direct tributary watersheds to the Little Miami, and approximately 80% of the Middle East Fork watershed. Storm structures have also been inventoried for select subdivisions in other watersheds and in portions of the City of Milford. The GIS layer for the entire storm water conveyance system serving the urbanized area in Clermont County will be completed by January 2014.		Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates		Effective (Yes or No)
<p><i>HSTS Mapping and List</i></p> <p>Responsible Party – Clermont General Health District</p>	Develop inventory, including location and parcel ID, for discharging and non-discharging HSTSs in Clermont County	Yes	The Clermont County Health District tracks both discharging and non-discharging septic systems through its Basic System Assessment (BSA) database. Maps showing locations of both discharging and non-discharging systems have been developed for the various watersheds within the Phase II urbanized area, and were first provided in Appendix 3 of the 2005 Annual Report. A total of 124 new HSTSs were mapped in 2010, resulting in a total of 21,644 HSTSs throughout Clermont County. An up-to-date list of these that includes address, system type and date of next inspection is maintained as a PDF on the Health District’s web site at www.clermonthealthdistrict.org/ClermontBSAs.pdf .		Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates		Effective (Yes or No)
<p><i>IDDE Plan</i></p> <p>Responsible Party – Clermont Storm Water Management Dept.</p>	Develop and institute an illicit discharge detection and elimination plan.	Yes (ongoing)	<p>Details of IDDE Plan are contained in the Clermont County Storm Water Management Plan. A summary of illicit discharges investigated in 2010 is presented below:</p> <p><i>Remaining from 2009:</i> An illicit discharge of metals shavings at a recycling facility on August 27, 2009 has been addressed with the construction of a new enclosed recycling facility in 2010.</p> <p><i>January 20:</i> Batavia Township Service Department noted a truck leaking motor oil on Siesta Drive. The Sheriff’s Department was contacted to have the vehicle repaired or removed from the road.</p>		<p>Yes/Closed</p> <p>Yes/Closed</p>

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE) continued

<p><i>IDDE Plan continued</i></p>	<p>Develop and institute an illicit discharge detection and elimination plan.</p>	<p>Yes</p>	<p><i>February 10:</i> Storm Water staff noted water with a milky white powder below an outfall along Roundbottom Road. The powder was also found on the stream bed and some turbidity was noted in a pool. This was tracked to a stone cutting business on Roundbottom Road. The Storm Water Department is working to put this company in touch with Ohio EPA OCAPP to help them improve operations so as to eliminate stone cutting residue from being discharged into the East Fork. (See Dry Weather Screening Section).</p>	<p>Yes/Ongoing</p>
<p>Responsible Party – Clermont Storm Water Management Dept.</p>			<p><i>March 2:</i> Clermont OEQ learned that lead shot recovery at the Eastern Hills Rod & Gun Club was being performed by a contractor in the floodplain adjacent to Stonelick Creek. OEQ notified both Ohio EPA Division of Surface Water and Division of Hazardous Waste Management. The primary concern was the potential of process water from three sedimentation ponds to be discharged into the creek. On March 2, OEQ and Ohio EPA met with representatives from the Gun Club and its contractor. Ohio EPA and Clermont County encouraged the contractor to perform the reclamation process in a "closed loop" fashion to reduce the risk of discharge to the creek. Once all soils had been processed the contractor was to dry (either by mixing in quick lime or concrete or some other bulking agents) the sediments trapped in the ponds and move them back onto the range to be added back to the slope they were initially excavated. The subsequent excavation, re-grading, and re-seeding activities conducted by both the reclamation contractor and club members were overseen on a limited basis by representatives of Clermont County's Office of Environmental Quality.</p>	<p>Yes/Closed</p>
			<p><i>March 12:</i> A resident contacted the Storm Water Department complaining about suds in a small unnamed tributary of Shayler Creek. Department staff traced the suds upstream to a fire department, where an official confirmed that a suppressant test had been conducted that morning. Additionally, the Storm Water Department's staff person noted abnormally high flow in the creek upstream of the fire station. This was traced to a water main break, which was subsequently repaired</p>	<p>Yes/Closed</p>
			<p><i>April 7:</i> While conducting the storm sewer inventory, Storm Water Department staff noted a roughly one-square foot area of fine white filaments a creek in the Wolfpen Run watershed near Eagle Ridge Road. A photo was taken and sent to Ohio EPA's Office of Emergency Response. Neither the Storm Water Department nor Ohio EPA staff could positively identify the filaments; however, they might be a product of poorly performing home sewage treatment systems in the Eagle Ridge subdivision. Both the Storm Water Department and Health District will continue to watch this area.</p>	<p>Yes/Ongoing</p>
			<p><i>June 4:</i> The Storm Water Department received a complaint about an illegal dumping in a roadside ditch on Marieda Drive in Union Twp. Stormwater Department staff inspected and found that a resident had spilled an herbicide mix in the ditch. The resident had already applied kitty litter to absorb the spill and placed straw bales downstream to prevent the material from washing into a downstream storm sewer. Department staff complimented the resident on the initial efforts taken, but informed him that the material must be removed from the ditch and properly disposed of. Upon a follow-up inspection on June 15, the material had been successfully cleared from the ditch.</p>	<p>Yes/Closed</p>
			<p><i>June 8:</i> While maintaining the long-term monitoring station on Hall Run, OEQ and SWCD staff noted concrete washout down the bank and into Hall Run on the property of Bzak Landscaping, 931 Roundbottom Road. This was immediately called into Ohio EPA's Emergency Response Line. OEPA staff subsequently called the Storm Water Department requesting photos of the washout. Photos were taken that afternoon and sent back to Ohio EPA, which took responsibility for addressing the matter with Bzak.</p>	<p>Yes/Closed</p>

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE) continued

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates				Effective (Yes or No)
<i>IDDE Plan continued</i>	Develop and institute an illicit discharge detection and elimination plan.	Yes	<p><i>June 18:</i> Pierce Township Service Department notified the County Stormwater Department of concrete washout in the gutter at 875 Country Club Drive. Stormwater staff investigated and found that Lucke Construction who was working at that address was the responsible party. No rain had been received recently so the material remained in the gutter and could be easily cleaned up. The Stormwater Department contacted Lucke Construction and informed them that the material had to be cleaned up, which was successfully done by the following week, prior to any rainfall.</p> <p><i>October 15:</i> A Pierce Township resident notified the County Stormwater Department of concrete washout in the gutter on Country Club Drive (down the street from the June 18 washout). Stormwater staff investigated and found that Dan Williams Concrete who was working 892 Country Club was the responsible party. No rain had been received recently so the material remained in the gutter and could be easily cleaned up. The Stormwater Department immediately contacted Dan Williams and informed him that the material had to be cleaned up. Clean-up was completed by October 18, prior to any rainfall.</p> <p><i>November 9:</i> While conducting storm sewer inventory work, clear, apparently heated, water during dry weather was noted in a catch basin near a church in Batavia Village. The source of this water was not identified and has not been noted since; however, this location will be added to the list of "hot spots" to be inspected on a regular basis (see Dry Weather Screening Section below).</p> <p><i>December 29:</i> A Hazmat spill was called in on December 28 at 1004 Tech Drive in Miami Township. An employee of a local business dumped 9 55-gallon drums of resin and acetone into a catch basin. Ohio EPA was called and came to the scene. Storm Water Department staff met with Ohio EPA officials on December 29. Clean-up was in progress at this time. Because of a missing section of storm sewer, the acetone and resin fortunately did not reach the East Fork Little Miami River. The incident was turned over to Ohio EPA for possible enforcement activities.</p>				<p>Yes/Closed</p> <p>Yes/Closed</p> <p>Yes/Ongoing</p> <p>Yes/Closed</p>
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Outfalls Screened	# of Dry-Weather Flows Identified	# Of Illicit Discharges: Identified Eliminated		Effective (Yes or No)
<p><i>Dry-Weather Screening of Outfalls</i></p> <p>Total # of Outfalls: 708 Public Outfalls 2,888 Private Outfalls</p> <p>Responsible Party – Clermont Storm Water Management Dept.</p>	Screen approximately 20% of the public outfalls annually, with all outfalls screened at least once during permit cycle.	Yes	<p>250 public storm sewer outfalls (approx. 35% of total public outfalls)</p> <p>450 private storm sewer outfalls</p>	2 total	12 total	9 (Storm Water department continuing to work with remaining 3 as described above)	Yes

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE) continued

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates	Effective (Yes or No)
<p><i>Stream Monitoring and Sampling Program</i></p> <p>Responsible Party – Clermont County Office of Environmental Quality (with US EPA Office of Research & Development, U.S. Army Corps of Engineers and Midwest Biodiversity Institute)</p>	Conduct annual stream monitoring and sampling program	Yes	2010 stream monitoring and sampling program involved continuous diurnal dissolved oxygen monitoring below wastewater treatment plants on the East Fork and O'Bannon Creek, event-based chemistry and physical parameter sampling and monitoring on East Fork Lake and its tributaries (with US EPA and Corps of Engineers). Continuous 24-hour monitoring of physical parameters, stream level and rainfall at five long-term stations, and biological and habitat surveys at six locations in the East Fork watershed. The report detailing the results of the 2010 stream monitoring and sampling program can be downloaded at www.oeg.net/WQ+Report+2010.pdf . The report detailing the results of the biological and habitat surveys is available at www.oeg.net/2010_MBI_OEQ_BA_Report.pdf .	Yes
<p><i>HSTS Inspections</i></p> <p>Responsible Party – Clermont County General Health District</p>	Inspect at least 3,500 HSTSs annually	Yes	The General Health District inspected 8,550 home sewage treatment systems throughout Clermont County as part of its Basic System Assessment program	Yes
<p><i>Sewage Nuisance Abatement Remediation Program (SNARP)</i></p>	Track # of people enrolled in SNARP, including those moving toward full system replacement.	Yes (Ongoing)	The SNARP program provides homeowners with an opportunity to gradually make improvements to their system and possibly avoid or delay a full replacement of the septic system, as long as the plan abates the sewage nuisance. For details on SNARP, visit www.clermonthhealthdistrict.org/SNARP_Main.aspx . In 2010, the Health District received 47 separate SNARP applications.	Yes
<p><i>Septic System Rehabilitation – Community Development Block Grant (CDBG) Program</i></p>	Track # of CDBG applications for septic system rehabilitation and number of rehabilitation projects completed	Yes (Ongoing)	This program utilizes CDBG funds to assist homeowners with repairs on malfunctioning septic systems and to replace systems that are beyond repair. The program can also assist homeowners in connecting to accessible public sewer systems. Each qualifying homeowner can receive up to \$14,000 toward the cost of HSTS repair or replacement, or toward connecting to public sewer. In 2010, 49 applications were received and 11 were completed.	Yes

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
<p><i>Ordinance or Other Regulatory Mechanism</i></p> <p>Responsible Party – Clermont Storm Water Management Dept.</p>	Continued enforcement of Illicit Discharge regulations	Stream sampling, dry weather screening of outfalls, complaint response	Conducted continually throughout year
<p><i>Storm Sewer System Map</i></p> <p>Responsible Party – Clermont Storm Water Management Dept.</p>	Complete inventory for storm water conveyance system serving Middle East Fork watershed (drainage area from East Fork Lake to Stonelick Creek confluence); initiate mapping in Horner Run and Ohio River tributaries watersheds	Collect storm sewer inventory data from plans and field surveys, complete creation of GIS layer of storm water conveyance system for Middle East Fork watershed	Inventory to continue throughout 2011 calendar year.
<p><i>HSTS Mapping and List</i></p> <p>Responsible Party – Clermont General Health District</p>	Maintain inventory, including location and parcel ID, for discharging and non-discharging HSTSs in Clermont County	Conduct assessments on a township by township basis over a 19 month rotation period HSTSs with electrical components are inspected every 19 months. Those without electrical components such as traditional gravity systems are scheduled for an inspection once every 38 months. Small flow (<1,000 gal/day) commercial systems are inspected once annually.	Conduct basic system assessments of HSTSs in Clermont County throughout 2011
<p><i>HSTS Inspections</i></p> <p>Responsible Party – Clermont General Health District</p>	Inspect at least 3,500 HSTSs annually	Inspections of discharging and non-discharging home sewage treatment systems	Inspections to be conducted throughout calendar year
<p><i>IDDE Plan</i></p> <p>Responsible Party – Clermont Storm Water Management Dept.</p>	Develop and institute an illicit discharge detection and elimination plan.	Carry out activities under current illicit discharge detection and elimination plan, including dry weather screening and stream sampling, educational activities specified under the public education section, and following procedures for elimination that vary based on the discharge	Continued implementation throughout 2011
<p><i>Dry-Weather Screening of Outfalls</i></p> <p>Responsible Party – Clermont Storm Water Management Dept.</p>	Screen 20% of public outfalls in MS4 and those on “hot list”	See measureable goals	Screening to be conducted during dry weather, defined by no precipitation within a 48-hour period

CONSTRUCTION SITE RUNOFF CONTROL

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))		Summary of Results or Activities	Effective (Yes or No)	
Ordinance or Other Regulatory Mechanism Responsible Party – Clermont Building Dept.	Established sediment and erosion control regulations, including enforcement provisions	Yes	Clermont County Water Management and Sediment Control (WMSC) Regulations, http://permit.clermontcountyohio.gov/WMSCRegulations.aspx		Most recent revision effective on July 30, 2007. Regulations being revised to stay consistent with Construction General Permit, final revisions to be adopted in 2011.	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Standards Being Used		Summary of Results or Activities	Effective (Yes or No)	
Sediment and Erosion Control Requirements Responsible Party – Clermont Building Dept.	Established sediment and erosion control regulations	Yes	Clermont County Water Management and Sediment Control (WMSC) Regulations, http://permit.clermontcountyohio.gov/WMSCRegulations.aspx		Most recent revision effective on July 30, 2007. Regulations being revised to stay consistent with Construction General Permit, final revisions to be adopted in 2011.	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Complaints		Summary of Results or Activities	Effective (Yes or No)	
			Received	Followed-Up On			
Complaint Process Responsible Party – Clermont Building Dept.	Achieve 50% resolution of valid complaints	Yes	59	53	83 of the 90 complaints (90%) had been resolved as of the end of 2010.	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Plans	# of Plans Reviewed	Summary of Results or Activities	Effective (Yes or No)	
Site Plan Review Procedures Responsible Party – Clermont Building Dept. Village of Amelia City of Milford	Established site plan review and approval procedures	Yes	887 (County) 0 (Amelia) 1 (Milford)	887 (County) 1 (Amelia) 1 (Milford)	Details of plan requirements provided in WMSC Regulations. Specific procedures contained in August 2010 Storm Water Management Plan. One plan reviewed in Amelia, but less than 1 acre.	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Site Inspections Performed			Summary of Results or Activities	Effective (Yes or No)
			# of Applicable Sites	# Performed	Avg. Frequency		
Site Inspection Procedures Responsible Party – Clermont Building Dept. Village of Amelia City of Milford	Established site inspection procedures	Yes	1,022 (County)	2,913	2.9 inspections per site	Yes	
			0 (Amelia)	0	0	No	
			1 (Milford)	2	2 per site	Yes	



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Violations		Summary of Results or Activities	Effective (Yes or No)
			# of Violation Letters	# of Enforcement Actions		
<p><i>Enforcement Procedures</i></p> <p>Responsible Party – Clermont Building Dept. Village of Amelia City of Milford</p>	Established procedures for enforcing violations of WMSC Regulations	Yes	County - 44 Conditional Occupancy Certificate letters issued Amelia – 0 Milford – 0	County – 4 Stop Work Orders (2 resolved, 2 unresolved) Amelia – 0 Milford - 0	35 of the 44 Conditional Occupancy Certificates for WMSC violations were resolved by the end of 2010. Two of the four stop work orders were unresolved heading into 2011.	Yes

CONSTRUCTION SITE RUNOFF CONTROL

- Summarize activities you plan to undertake during the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
<p><i>Ordinance or Other Regulatory Mechanism</i></p> <p>Responsible Party – Clermont Building Dept., MS4 Municipalities</p>	Adopt revisions of WMSC Regulations to ensure consistency with Ohio EPA Construction General Permit	Conduct final stakeholder committee meeting and two public hearings to allow opportunity for public comment, adopt final WMSC Regulations	Final stakeholder meeting in 1 st Quarter 2011 Two public hearings in 2 nd Quarter 2011 Adoption of revised Regulations by July 2011
<p><i>Sediment and Erosion Control Requirements</i></p> <p>Responsible Party – Clermont Building Dept. MS4 Municipalities</p>	See above	See above	See above
<p><i>Complaint Process</i></p> <p>Responsible Party – Clermont Building Dept., City of Milford</p>	Continue current activities, track complaints and resolution success	Continue current activities	Within 48 business hours of written complaint submission
<p><i>Site Plan Review Procedures</i></p> <p>Responsible Party – Clermont Building Dept., City of Milford</p>	Continue current activities	Continue current activities	Continuous throughout year upon submittal of site plan
<p><i>Site Inspection Procedures</i></p> <p>Responsible Party – Clermont Building Dept., City of Milford</p>	Continue current activities	Continue current activities	Throughout year, minimum two inspections per site
<p><i>Enforcement Procedures</i></p> <p>Responsible Party – Clermont Building Dept., City of Milford</p>	Continue current activities	Continue current activities	Enforce continually throughout year as needed

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))		Summary of Results or Activities	Effective (Yes or No)
<i>Ordinance or Other Regulatory Mechanism</i>	Established regulatory mechanism for post-construction storm water management activities	Yes	Clermont County Water Management and Sediment Control (WMSC) Regulations, http://permit.clermontcountyohio.gov/WMSCRegulations.aspx		Most recent revision effective on July 30, 2007. Regulations being revised to stay consistent with Construction General Permit, final revisions to be adopted in 2011.	Yes
Responsible Party – Clermont Building Dept.						
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Structural and/or Non-Structural Standards Being Used		Summary of Results or Activities	Effective (Yes or No)
<i>Post-Construction Requirements</i>	Established requirements for post-construction BMPs	Yes	Clermont County Water Management and Sediment Control (WMSC) Regulations, http://permit.clermontcountyohio.gov/WMSCRegulations.aspx		Most recent revision effective on July 30, 2007. Regulations being revised to stay consistent with Construction General Permit, final revisions to be adopted in 2011.	Yes
Responsible Party – Clermont Building Dept.						
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Post-Const. BMPs	# of Plans Reviewed	Summary of Results or Activities	Effective (Yes or No)
<i>Site Plan Review Procedures</i>	Established site plan review procedures for developments requiring post-construction BMPs	Yes	26 (County) 0 (Amelia) 1 (Milford)	26 (County) 0 (Amelia) 1 (Milford)	Plans reviewed to ensure BMPs are designed in compliance with County's WMSC Regulations	Yes
Responsible Party – Clermont Building Dept. Village of Amelia City of Milford.						
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Site Inspections Performed		Summary of Results or Activities	Effective (Yes or No)
			# Performed	Avg. Frequency		
<i>Site Inspection Procedures</i>	Established inspection procedures for post-construction BMPs during construction and after completion of construction	Yes	28 inspections of post-construction BMPs during construction	Approximately 1 per BMP	Inspections help ensure BMPs are constructed according to design/in compliance with WMSC regulations	Yes
			Est. 40 inspections of 28 storm water basins in County Ditch Petition Program	Minimum one inspection per basin per year		
			61 inspections of post-construction BMPs (Milford)	Each post-construction BMP inspected annually (Milford)	Milford inspected 61 BMPs eligible for credit under its storm water utility rules	Yes
Responsible Party – Clermont County Building Dept. (during construction) and Clermont County Engineer's Office (ditch petition basins after construction); Amelia and Milford						

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT continued

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Violations		Summary of Results or Activities	Effective (Yes or No)
			# of Violation Letters	# of Enforcement Actions		
<p><i>Enforcement Procedures</i></p> <p>Responsible Party – Clermont Co. Building Dept.</p>	Establish enforcement procedures for ensuring post-construction BMPs are built according to specifications	Yes	7 (red tagged at site)	0	Building Department is currently working with developers to resolve outstanding issues at three of the seven storm water basins that failed inspection.	Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Sites Requiring Plans/Agreements	# of Plans Developed/Agreements in Place	Summary of Results or Activities	Effective (Yes or No)
<p><i>Long-Term O&M Plans/Agreements</i></p> <p>Clermont County Engineer's Office, Amelia, Milford</p>	# of long-term O&M plans and agreements for maintenance of private BMPs under Ohio "ditch petition" laws	Yes	28 (County)	28 (County)	Total of 28 detention/retention basins on private property are maintained by either the Clermont county Engineer's Office or the Village of Amelia	Yes
			61 (Milford)	61 (Milford)	In Milford, 37 applicants receive utility fee credit for 61 post-construction BMPs, including 20 detention basins, 17 grass channel/filter strips, 9 water quality ponds, 5 dry wells, 2 infiltration basins and 8 forested buffer strips	Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Sites Requiring Plans/Agreements	# of Plans Developed/Agreements in Place	Summary of Results or Activities	Effective (Yes or No)
<p><i>Installation of Conservation BMPs</i></p> <p>Responsible Party – Clermont SWCD</p>	Assist private landowners with installation of conservation BMPs	Yes	15	15	<p><i>Three rain gardens</i> – 2 in Union Twp, 1 in Batavia Twp (Plus maintenance of 2 County demonstration rain gardens and 10 school demonstration gardens)</p> <p><i>Forest Stand Improvements</i>: 42.5 acres total (8 acres in Ohio Twp., 2.5 acres in Miami Twp, 32 acres in Batavia Twp.)</p> <p><i>Tree and shrub establishment</i> – 1.5 acres in Batavia Twp.</p> <p><i>Livestock exclusion fence</i>: 2,229 feet total (1,279 feet of fence in Ohio Twp., 950 feet in Batavia Twp.); <i>Livestock watering facilities</i> – 8 total (4 in Goshen Twp. 4 in Monroe Twp.); <i>Heavy use protection pads</i> – 9 total 5 in Goshen twp, 3 in Batavia Twp, 1 in Monroe Twp)</p> <p>Pasture and hay planting/nutrient management and prescribed grazing plan for 23 acres in Monroe Twp.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
<i>Ordinance or Other Regulatory Mechanism</i> Responsible Party – Clermont Building Dept., MS4 municipalities	Adopt revisions of WMSC Regulations to ensure consistency with Ohio EPA Construction General Permit	Conduct final stakeholder committee meeting and two public hearings to allow opportunity for public comment, adopt final WMSC Regulations	Final stakeholder meeting in 1 st Quarter 2011 Two public hearings in 2 nd Quarter 2011 Adoption of revised Regulations by July 2011
<i>Post-Construction Requirements</i> Responsible Party – Clermont Building Dept., MS4 municipalities	See above	See above	See above
<i>Site Plan Review Procedures</i> Responsible Party – Clermont Building Dept. City of Milford	Continue current activities	Continue current activities	Continuous throughout year upon submittal of site plan
<i>Site Inspection Procedures</i> Responsible Party – Clermont Building Dept., Clermont County Engineer's Office, City of Milford	Continue current activities	Continue current activities	During construction – Inspection of ditch petition basins after construction minimum of twice per year
<i>Enforcement Procedures</i> Responsible Party – Clermont Building Dept., City of Milford	Continue current activities	Continue current activities	Enforce continually throughout year as needed
<i>Long-Term O&M Plans/Agreements</i> Responsible Party – Clermont County Engineer's Office, City of Milford	Continue current activities under ditch petition program; provide educational material for owners of private property BMPs Continue annual inspections and application review for BMP utility credits (Milford)	Continue current activities under ditch petition and Milford utility programs, conduct management clinic for owners of private retention ponds, post BMP maintenance information on web site	Renew ditch petition agreements in May-June 2011 (County Engineer) Inspect post-construction BMPs and renew utility credit applications once during 2011 (Milford)

VILLAGE OF AMELIA - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Snow & Ice Control Infrastructure maintenance, general public works Debris management Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Amelia Service Department (currently one person)	1	Snow & Ice Control Conference, Liberty Twp, OH, April 8 2010 Public Works & Infrastructure Expo, Cincinnati, OH, May 4-5, 2010 Damage assessment/debris management, Symmes Twp, October 27, 2010 Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes Yes Yes Yes
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
15.1 miles of village road and associated storm sewers and open channels					Yes	52	1/wk during yard waste pick-up
Village storage barn behind municipal building on SR 125					Yes	250	Est. 5x/week
Shank Park (20 acres including a detention basin and dog park), Arrowhead Park (0.5 acres), Groh Park (5 acres)					Yes	40	1/week with mowing; 2x in winter
International Order of Odd Fellas (IOOF) Cemetery, Methodist Cemetery					Yes	40	1/week with mowing; 2x in winter
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Open channels and storm sewers along Village roads inspected weekly while crews are collecting yard waste from residents and businesses. Blockages and repairs are removed/corrected as necessary. Signs of illicit discharges are reported to the County Storm Water Dept.			Cleaning of open channels and storm sewers as necessary. No illicit discharges detected in portion of MS4 maintained by Village in 2010.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		522 CY of yard waste / brush / leaves. 42 Tons of blacktop				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		260 tons (25/75 cinder/salt mixture)	Spreaders calibrated and maintained regularly. In 2009, the Village began to mix in cinders with road salt to minimize total usage.			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	Yes		32	Follow application directions. Use of hand sprayer only. Controlled directed spray			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	N/A		0	N/A			



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Street Sweeping	Procedures Developed (Yes or No)	Document Amount of Material Collected and Properly Disposed
	N/A	N/A
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality	
	No Flood Management Projects conducted in 2010	

VILLAGE OF AMELIA - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, work barn, parks and cemeteries	Maintain current inspection and maintenance schedules, update summary of Village pollution prevention activities and schedules	Inspections throughout calendar year, update of summary of pollution prevention programs and schedules by December 2011
MS4 Maintenance	Weekly inspections of MS4, maintenance activities as necessary	Improve record keeping of waste removed from MS4	Inspections and maintenance throughout year
Disposal of Wastes	Maintain records of waste removed from MS4; conduct weekly yard waste pickup	MS4 cleaning as needed, weekly yard waste pick-ups	MS4 cleaning as needed, weekly yard waste pick-ups
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	Minimize usage of pesticides and herbicides	Continue current program of using pesticides/herbicides only when necessary, using hand sprayer only	As needed
Fertilizer Usage	N/A	N/A	N/A
Street Sweeping	Sweep streets twice in 2011	Street sweeping by hand utilizing Clermont County Municipal Court community service crews	2x/year
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

VILLAGE OF BATAVIA - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Street sweeping/catch basin cleaning	Batavia Village Service Department (2 employees total)	2	In-house training conducted in March on use of street sweeper	Yes
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
16.5 miles of village road and associated storm sewers and open channels					Yes	Village maintains 364 catch basins, each checked approx. 50 times during year (during/after rain events)	During/after rain events
Service Department facility on South Riverside Drive					Yes	250	5x/week
Old Boston and Old South Riverside cemeteries					Yes	208 inspections, 2 general clean-ups for each cemetery	Inspections 4x/ week; 2 cleanups/year
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Open channel inspections Catch basin inspections/maintenance Culvert inspections			General inspections of MS4 conducted during/after significant rain events. Grates of catch basins cleaned when needed. Cleaned 236 out of 364 catch basins (65%) in spring 2010.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Waste collected during street sweeping and catch basin cleaning is placed into a roll-off container and collected by Rumpke.				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		126.87 tons	In 2005, the Village upgraded the salt truck with new calibration equipment. The equipment is recalibrated at the start of the winter season. Road crews go through in house training and conduct a dry run before the winters season starts. In 2010 the spreaders were turned down to minimize salt usage.			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	N/A		0	N/A			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	N/A		0	N/A			
Street Sweeping	Procedures Developed (Yes or No)		Document Amount of Material Collected and Properly Disposed				
	Yes		20 cu. yds. of material collected from 81.6 lane miles (175,897 feet); waste placed in roll-off container and collected by Rumpke				
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality						
	No Flood Management Projects conducted in 2010						

VILLAGE OF BATAVIA - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, service dept. building, and cemeteries	Maintain current inspection and maintenance schedules, update summary of Village pollution prevention activities and schedules	Inspections throughout calendar year, update of summary of pollution prevention programs and schedules by December 2011
MS4 Maintenance	Wet weather inspections of MS4, clean all catch basins, maintenance activities as necessary	Maintain current program	Maintain current inspection and maintenance schedules, catch basin cleaning in Spring 2011
Disposal of Wastes	Maintain records of waste removed from MS4	Conduct catch basin cleaning, waste to Rumpke	Spring 2011
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	N/A	N/A	N/A
Fertilizer Usage	N/A	N/A	N/A
Street Sweeping	Sweep all curbed streets once every 2 months	Sweep all curbed streets once every 2 months	Once every other month
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

BATAVIA TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Batavia Township Service Department	1	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
			New vac truck training	Batavia Township Service Department	4	March 26 and June 20 vac truck training held by Jack Doheny Supplies	Yes
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
67.5 miles of township road and associated storm sewers and open channels, culverts					Yes	1 per section of open channel/storm sewer	Annually
Township garage on Old State Route 32					Yes	250	5x/week
Retention pond and public park at Township Administration Building on Clough Pike					Yes	250 (building/park); 3 (retention pond)	5x/week (building/park) 3x/year (pond)
Three cemeteries – 2 active, 1 historical (one historical cemetery sold in 2010)					Yes	26 (mostly litter control)	1 / two weeks
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Catch basins, culverts inspected annually, cleaned as needed, additional inspections and maintenance conducted in response to complaints			875 total catch basin inspections throughout year, 261 feet of road tile cleaned December 2010 – 312 cross-road culverts inspections			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Township purchased new vac/jet truck in 2010, did not use prior to end of the year. First use will be in 2011				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		1020 tons during 2010-11 winter season	Annual pre-winter season training of road salt crews; in 2010 purchased four new computerized salt spreaders resulting in a 20% savings in the amount of salt used			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	N/A		0	N/A			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	Yes		1,750 lbs.	Fertilizer used only at Township Administration building, not used at any other Township Properties. At Administration Building, fertilizer only applied around building area. Application instructions followed closely. Only one application per year.			



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Street Sweeping	Procedures Developed (Yes or No)	Document Amount of Material Collected and Properly Disposed
	N/A	N/A
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality	
	No Flood Management Projects conducted in 2010	

BATAVIA TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011;	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department; operation training for new vac/jet truck	Spring 2011 (vac-jet truck) Summer 2011 (P2 workshop)
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, service department facilities and cemeteries	Maintain current inspection and maintenance schedules, update summary of Township pollution prevention activities and schedules	Inspections throughout calendar year, update of summary of pollution prevention programs and schedules by December 2011
MS4 Maintenance	Purchase new vac-jet truck for MS4 maintenance, clean all catch basins	Improve cleaning/maintenance of MS4 through purchase and operation of new vac-jet truck	MS4 cleaning throughout year
Disposal of Wastes	Maintain records of waste removed from MS4	Improve cleaning/maintenance of MS4 through purchase and operation of new vac-jet truck	MS4 cleaning throughout year
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	N/A	N/A	N/A
Fertilizer Usage	Maintain current program	Maintain current program	Once annually in early spring
Street Sweeping	N/A	N/A	N/A
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

GOSHEN TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Road salt reduction strategies	Goshen Township Service Department	5 (all Service Dept. staff)	In-house salt application training session conducted after Thanksgiving; discussed strategies for reducing amount of road salt used; utilized "Snow Fighters" booklet for training	Yes
			Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Goshen Township Service Department	2	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
43.9 miles of township road and associated storm sewers and open channels					Yes	Operate off complaints, sign inspection 1/3 months – monitor ditch/road-related problems	Once every 3 months and in response to complaints
Service Department facilities on Wood Street					Yes	250	
Five cemeteries – two active, 3 historic					Yes	Avg. 60/year – 3-4/month	
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Inspections of MS4 – once/3 months and in response to complaints Catch basin/inlet inspections and cleaning 1/year Cleaning/maintenance performed as needed.			Inspections of MS4 conducted once every three months at a minimum while crews are also inspecting road signs, also in response to complaints. Cleaning/maintenance performed as needed. After leaf fall, all public catch basins and storm inlets are checked for blockages			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Est. 1.5 tons of waste collected from MS4, 90 gallons of motor oil from township vehicles				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		623.01 tons during 2010-2011 winter season	Training conducted before snow season; adopted practice of narrowly spreading salt along road center line and using the crown of the road to distribute salt to edges – this has significantly reduced the amount of salt lost off the edge of road and overall salt usage.			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	Yes - Follow all OH Dept. of Agriculture procedures, inspected by State annually		Purchased 2 gallons of highly concentrated herbicide, used 1.5 gallons in 2010 – when mixed with water, 1 gal of concentrate makes 130 gal of usable material	Use only as needed and directed. Follow all OH Dept. of Agriculture requirements. Have annual inspections conducted by State.			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	N/A		0	N/A			



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Street Sweeping	Procedures Developed (Yes or No)	Document Amount of Material Collected and Properly Disposed
	N/A	N/A
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality	
	No Flood Management Projects conducted in 2010	

GOSHEN TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, service department facilities and cemeteries	Maintain current inspection and maintenance schedules, update summary of Township pollution prevention activities and schedules	Inspections throughout calendar year, update of summary of pollution prevention programs and schedules by December 2011
MS4 Maintenance	Maintain current program	Maintain current program	Inspections and maintenance throughout year (maintain current schedule)
Disposal of Wastes	Maintain records of waste removed from MS4	Maintain current program	Maintain current schedule
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	Minimize usage of pesticides and herbicides	Maintain current program	As needed
Fertilizer Usage	N/A	N/A	N/A
Street Sweeping	N/A	N/A	N/A
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

MIAMI TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	APWA Southwest Ohio Snow and Ice Control Conference	Miami Twp Service Dept. Director & Road Maintenance Supervisor	2	April 8 APWA Southwest Ohio Snow and Ice Control Conference	Yes
			Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Miami Twp Service Dept. Director	1	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
List of Municipal Facilities Subject to Program				O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections	
149 miles of township roads and associated storm sewers and open channels				Yes	Min. 1 per individual structure annually. Trouble catch basins – 4 per structure (245 catch basins, 980 total)	MS4 components inspected min. 1/year prior to winter operations, also in response to complaints and during normal course of daily operations. List of trouble catch basins inspected min. 4x/year prior to large storm events	
Fleet Maintenance Department at 6007 Meijer Drive				Yes	250	Daily inspections of facilities (5x/week)	
Five parks (Community Park on Buckwheat Road, Paxton Ramsey Park on Price Road, Miami Meadows Park on State Route 131 (includes lake and dog park), Miami Riverview Park on Branch Hill Loveland Road and Longfield Acres in the Longfield subdivision)				Yes	298	Daily inspections Apr-Nov 3x/week Dec. to Mar.	
Three cemeteries – one active (Evergreen); two historical (Union and Mulberry)				Yes	Est. 35 per cemetery	1/week during growing season, as needed in winter	
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Township Service Dept. crews inspect MS4 components, including all roadside ditches, prior to winter operations; also in response to complaints and during normal course of daily operations. The Township maintains a list of trouble catch basins that are inspected prior to large storm events (min. 4x/year). Cleaning and repairs are done as needed. The Township contracts with Televac for cleaning jobs that cannot be done in-house.			Components of the MS4 were inspected at a minimum one time during the year. 245 catch basins were inspected 4 times. Maintenance was conducted on 63 culverts. Waste collected from MS4 brought to Bzak Landscaping on Roundbottom Road.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		16 cubic yards of brush debris hauled to Bzak Landscaping in 2010. Miami Township also accepts used motor oil from township residents for use in the garage's oil burning furnace. Volume of oil collected in 2010 was 1,129 gallons. This will be tracked annually.				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		3,709 tons salt; 95,090 gallons of brine	All trucks outfitted with ground speed sensing equipment and computer controls to regulate the amount of salt distributed according to the speed of the vehicle. The computer also monitors the amount of salt dispensed and provides detailed reports of each event. Detailed information available at www.miamitwp.org			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	Yes		55 gallons (prior to dilution)	Pesticides include glyphosate (Round Up), broadleaf weed killer, algaecide. Figures are from Township usage and Louiso (contractor) combined. Licensed applicators follow all USDA rules and regulations.			



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Fertilizer Usage	Procedures Developed (Yes or No)	Pounds Used	Summarize Measures Taken to Minimize Usage
	Yes	10,500 lbs	Used at Twp. parks, fire stations, MTCC, service building, and police building. All fertilizer application rates/guidelines followed by Miami Township crews.
Street Sweeping	Procedures Developed (Yes or No)	Document Amount of Material Collected and Properly Disposed	
	Yes, completed on as needed basis	Street sweeping conducted as needed as reported or observed upon inspection	
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality		
	No Flood Management Projects conducted in 2010		

MIAMI TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department, attend APWA Salt Show	Summer 2011 (County P2 Training) April 2011 (APWA Salt Show)
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, service department facilities, parks and cemeteries	Maintain current inspection and maintenance schedules	Inspections and maintenance throughout year
MS4 Maintenance	Maintain current program	Maintain current program	Inspections and maintenance throughout year
Disposal of Wastes	Maintain records of waste removed from MS4	Maintain current program	Maintain current schedule
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	Minimize usage of pesticides and herbicides	Maintain current program	As needed
Fertilizer Usage	Minimize usage of fertilizers	Maintain current program	As needed
Street Sweeping	Street sweeping in select problem neighborhoods	Conduct street sweeping in select problem neighborhoods in 2011	Begin in Spring 2011
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A



CITY OF MILFORD - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Stormwater Program Manager	1	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
30.5 miles of city road and associated storm sewers and open channels					Yes	Min. 12 per MS4 structure	Minimum monthly, more frequently during general road inspections. Catch basin inspections after rains, min. quarterly cleaning
Service Dept. facility on Race Street					Yes	250	Est. 5x/week
8 City Parks (Carriage Way Park (5.9 acres), Clertoma Park (0.9 acres), Garfield Park (9.5 acres), Memorial Park (0.4 acres), Riverside Ball Fields I (3.6 acres) & II (4.3 acres), Sem Villa Park (4.7 acres), Jim Terrell Park (27.3 acres))					Yes	Est. 70	1/week with mowing; 2x in winter; storm grates checked after storms
Greenlawn Cemetery					Yes	312	General inspections 6x/week
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Use Vac-All Truck to clean catch basins & dry wells throughout the year.			In 2010, used Vac-All truck to clean 1,050 catch basins and 145 dry wells throughout the city. During fall, Vac-All truck also used to collect 12 loads of leaves (truck has capacity of 10 cubic yards).			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Waste collected from 1,050 catch basin / 145 dry well cleanings. If material collected is biodegradable, it is placed in the City's brush pile. If not, it is placed in a solid waste dumpster				
Road Salt	Covered (Yes or No)		Tons Used		Summarize Measures Taken to Minimize Usage		
	Yes		750		Pre-season training of road crews; spreaders calibrated and maintained regularly		
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used		Summarize Measures Taken to Minimize Usage		
	Yes		41.5		All USDA rules and regulations regarding applications are followed.		
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used		Summarize Measures Taken to Minimize Usage		
	N/A		XXX		In 2010, the City contracted with a professional landscaping company (Natorps Landscaping). All steps taken to reduce fertilizer usage to minimize costs as well as runoff.		
Street Sweeping	Procedures Developed (Yes or No)		Document Amount of Material Collected and Properly Disposed				
	Yes		Milford conducts street sweeping of all 61.1 lane miles of city streets annually, plus an additional 20 miles before/after special events during the year using Vac-All truck purchased in 2007. Estimated total of 17.5 cubic yards of material collected.				

Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality
	No Flood Management Projects conducted in 2010. Follow-up work conducted on Little Miami River bank stabilization project near old Clermont Lumber site.

CITY OF MILFORD - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, work barn, parks and cemeteries	Maintain current inspection and maintenance schedules, update summary of Village pollution prevention activities and schedules	Inspections throughout calendar year, update of summary of pollution prevention programs and schedules by December 2011
MS4 Maintenance	Weekly inspections of MS4, maintenance activities as necessary	Improve record keeping of waste removed from MS4	Improve record keeping schedules – 1 st quarter 2011, inspections/ maintenance throughout year
Disposal of Wastes	Maintain records of waste removed from MS4; conduct weekly yard waste pickup	MS4 cleaning as needed, weekly yard waste pick-ups	MS4 cleaning as needed, weekly yard waste pick-ups
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	Minimize usage of pesticides and herbicides	Continue current program of using pesticides/herbicides only when necessary, using hand sprayer only	As needed
Fertilizer Usage	Minimize usage of pesticides and herbicides	City utilizing different landscaping company, will begin tracking pounds used	Begin in early Spring 2011
Street Sweeping	Sweep streets twice in 2011	Street sweeping by hand utilizing Clermont Co. Municipal Court community service crews	2x/year
Flood Management Projects	N/A	N/A	N/A

MONROE TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Monroe Township Service Department Director	1	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
			Municipal storm water pollution prevention	Monroe Township Service Department/Fire Dept. & Maintenance Dep.	20	Township Service Dept. and Fire Dept. held joint training session to view video published by Excal Visual titled "Storm Watch: Municipal Storm Water Pollution Prevention"	Yes
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
26.1 miles of township road and associated storm sewers and open channels (most served by open ditch, only 900 feet of road – Marshall Drive - served by storm sewers)					Yes	52	1/week (ditches), culverts in advance of blacktopping
Service Department facilities on State Route 222, includes new millennium mound system installed 2010					Yes	250 (service facilities) 1 (septic system)	5x/week (service facilities, septic system) 1x/year
Fair Oak Park and State Route 222 Park, six cemeteries					Yes	52 per facility	1x/week per facility
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Inspections of MS4 (open channels along roadside) conducted once weekly. Culverts are inspected in advance of blacktopping. Cleaning/maintenance performed as needed.			Roadside ditches inspected weekly. No indications of any illicit discharges. Three culverts replaced in 2010.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Very little waste collected from MS4. Fill dirt from ditch cleaning used in Presbyterian cemetery.				
Road Salt	Covered (Yes or No)		Tons Used		Summarize Measures Taken to Minimize Usage		
	Yes		360 tons during 2010-2011 winter season		New salt applicator purchased in 2010. New equipment operators trained. New salt spreading equipment has less wear, resulting in a reduction of salt applied.		
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used		Summarize Measures Taken to Minimize Usage		
	N/A		N/A		N/A		
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used		Summarize Measures Taken to Minimize Usage		
	N/A		N/A		N/A		



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Street Sweeping	Procedures Developed (Yes or No)	Document Amount of Material Collected and Properly Disposed
	N/A	N/A
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality	
	No Flood Management Projects conducted in 2010	

MONROE TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Fall 2011
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, service department facilities and cemeteries	Maintain current inspection and maintenance schedules, update summary of Township pollution prevention activities and schedules	Inspections throughout calendar year, update of summary of pollution prevention programs and schedules by December 2011
MS4 Maintenance	Maintain current program	Maintain current program	Inspections and maintenance throughout year (maintain current schedule)
Disposal of Wastes	Maintain records of waste removed from MS4	Maintain current program	Maintain current schedule
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	Minimize usage of pesticides and herbicides	Maintain current program	As needed
Fertilizer Usage	N/A	N/A	N/A
Street Sweeping	N/A	N/A	N/A
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A

OHIO TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Ohio Township Service Department (1 person only)	2 – Township Trustee and Service Dept. Director	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
List of Municipal Facilities Subject to Program				O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections	
6.9 miles of township road and associated catch basins, culverts and drainage channels				Yes	12 (ditches/culverts), 10 catch basins	Ditches monthly, catch basins after each rain, in autumn, and during heavy winter freezes	
Service Department building on Mt. Pisgah Road (with on-site (mound) waste water treatment system)				Yes	250 (building), 2 (mound system)	5x/week (building) 2x/year (mound)	
Ohio Township Park (9 acres)				Yes			
5 cemeteries (Mooreland, Warren, Citizens, Collard, and Samaritan)				Yes			
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Inspections of MS4 – monthly inspections of road side ditches Catch basins inspected after heavy rains in spring and summer, after leaf fall, and during winter for ice jams Cleaning/maintenance performed as needed.			Inspections of road side ditches and culverts are conducted monthly. Catch basins are inspected after heavy rains in the spring and summer, following leaf fall, and during heavy winter freezes for the presence of ice jams. Cleaning/maintenance are performed as needed.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Excess dirt from ditch maintenance typically minimal, used as fill elsewhere as needed, large amounts are hauled away by contractor; 28 gallons of motor oil from township vehicles collected by Grubb Oil				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		152 tons during 2010-2011 winter season	Frequent monitoring of road conditions during winter storms. Since the Township has only 6.4 miles of road to maintain, there is only one person in charge of clearing the roads. He monitors road conditions frequently during winter storms and only uses spot application of road salt as necessary.			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	N/A		N/A	N/A			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	N/A		N/A	N/A			
Street Sweeping	Procedures Developed (Yes or No)		Document Amount of Material Collected and Properly Disposed				
	N/A		N/A				



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality
	No flood management projects conducted in 2010

OHIO TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, service department facilities and cemeteries; will assume responsibility of 6 th cemetery (Mt. Pisgah) in 2011.	Maintain current inspection and maintenance schedules, update summary of Township pollution prevention activities and schedules	Inspections throughout calendar year, update of summary of pollution prevention programs and schedules by December 2011
MS4 Maintenance	Maintain current program	Maintain current program	Inspections and maintenance throughout year (maintain current schedule)
Disposal of Wastes	Maintain records of waste removed from MS4, waste oil collected from township vehicles	Maintain current program	Maintain current schedule
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	N/A	N/A	N/A
Fertilizer Usage	N/A	N/A	N/A
Street Sweeping	N/A	N/A	N/A
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A



VILLAGE OF OWENSVILLE - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Operation and maintenance of Owensville MS4	Owensville Village Council	3	Walked entire MS4, received training from Brandstetter Carroll on operation and maintenance of MS4 and implementation of Storm Water Master Plan	Yes
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
4.1 miles of village road and associated storm sewers and open channels					Yes	Est. 25	Min 1/month, plus inspections after heavy rains
Municipal Building and storage shed on U.S. 50					Yes	250	5x/week
Gauche Park (10 acres)					Yes	Est. 160	5x/week- summer; 1/month – winter
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Open channels and storm sewers along Village roads inspected weekly while crews are collecting yard waste from residents and businesses. Blockages and repairs are removed/corrected as necessary. Signs of illicit discharges are reported to the County Storm Water Dept.			No MS4 cleaning conducted in 2010 beyond brushing off catch basin grates. ODOT cleans basins in village along U.S. 50 and S.R. 132			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Minimal amount of material cleaned from catch basin grates, inlets				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		14.75 tons	To minimize salt usage, Owensville applied salt only at intersections and on hills.			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	N/A		N/A	N/A			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	N/A		N/A	N/A			
Street Sweeping	Procedures Developed (Yes or No)		Document Amount of Material Collected and Properly Disposed				
	N/A		Clermont County Municipal Court community service crews clean village streets of trash and debris during/after the County Fair the last week of July				
Flood Management	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality						



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Projects	No flood management projects conducted, but completed Storm Water Master Plan in 2010.
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VILLAGE OF OWENSVILLE - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, storage shed and Gauche Park	Maintain current inspection and maintenance schedules, update summary of Village pollution prevention activities and schedules	Inspections throughout calendar year
MS4 Maintenance	Continue monthly and after-storm inspections of MS4, maintenance activities as necessary	Improve record keeping of waste removed from MS4	Inspections and maintenance throughout year
Disposal of Wastes	Maintain records of waste removed from MS4	MS4 cleaning as needed	MS4 cleaning as needed
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	N/A	N/A	N/A
Fertilizer Usage	N/A	N/A	N/A
Street Sweeping	Clean streets for period of approx. one week in late July, during and after County fair	Continue using Clermont County Municipal Court community service crews to clean streets during/after County Fair	Late July-early August 2011
Flood Management Projects	Looking for grants to complete projects contained in 2010 Stormwater Master Plan	Grant-dependent	Grant-dependent



PIERCE TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Pierce Township Service Department	3	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
List of Municipal Facilities Subject to Program				O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections	
55.9 miles of township road and associated storm sewers, catch basins, open channels, culverts				Yes	# of inspections varies by each individual structure, records kept by Pierce Twp Public Works Dept.	Facilities receive weekly, monthly or annual inspections dependent upon facility type, condition/ age and function.	
Township Public Works facilities on Locust Corner Road, including fleet maintenance facility				Yes	250	5x/week	
Two separate parks and picnic shelter off Locust Corner Road				Yes	Est. 75 per park	Minimum 1x/week	
Three cemeteries				Yes	Est. 175	Minimum 3x/ week, more frequently during summer/funerals	
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	Catch basins, culverts inspected annually, cleaned as needed, additional inspections and maintenance conducted in response to complaints. Some facilities inspected/maintained more frequently based on age and existing condition.			Replaced/repaired 9 culverts; Cleaned approx. 1,600 linear feet of open ditching and repaired/replaced 11 catch basins.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Amount of waste unable to be documented in 2010; Spoils from ditch maintenance stored at a non-active cemetery. Debris is properly disposed in garbage dumpsters. Recyclable items disposed of at local recycling bins.				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		840 tons during 2010-11 winter season	Annual pre-winter season training of road salt crews; Sand is mixed with salt to minimize total amount used. Township salt trucks are inspected regularly for proper operation of spreaders and spinners. Three dump trucks have been purchased since 2005, all equipped with new salt spreaders.			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	Yes		1.9	Township utilizes licensed contractor for limited pesticide application, conducted only four times per year			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	Yes		3,900	Licensed pesticide applicator also applies fertilizer on some township grounds. Applications are limited to four times per year. All recommended application rates are followed.			



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Street Sweeping	Procedures Developed (Yes or No)	Document Amount of Material Collected and Properly Disposed
	N/A	N/A
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality	
	No Flood Management Projects conducted in 2010	

PIERCE TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, service department facility, parks and cemeteries	Maintain current inspection and maintenance schedules, update summary of Township pollution prevention activities and schedules	Inspections throughout calendar year
MS4 Maintenance	Maintain current maintenance program	Maintain current program	MS4 cleaning as needed throughout year
Disposal of Wastes	Maintain records of waste removed from MS4	Improve record keeping of waste cleaned from MS4	MS4 cleaning as needed throughout year
Road Salt	Track road salt usage winter 2011-2012	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	Maintain current program	Maintain current program	4 times per year during growing season
Fertilizer Usage	Maintain current program	Maintain current program	4 times per year during growing season
Street Sweeping	N/A	N/A	N/A
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A

STONELICK TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Stonelick Township Service Department	2	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
List of Municipal Facilities Subject to Program				O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections	
28 miles of township roads and associated road side ditches (Stonelick Township does not have any storm sewers along township roads)				Yes	Est. 75 per ditch	Roadside ditches checked as part of overall road inspection program – 1/week during winter, more frequently in summer (during mowing and after storms).	
Township service building at Clermont County Fairgrounds in Owensville				Yes	250	5x/week	
Three cemeteries, 1 active (Stonelick Twp) and 2 historical (Old and Rupp Cemeteries)				Yes	36 (active), 2 (historical)	Historical – 2x year, active – avg. 3x/month	
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	County Municipal Court community service crews regularly clean litter from township roads/ditches, township performs ditch maintenance as necessary			Clermont County Municipal Court community service crews collected litter from township roads 3-4 times during the summer months and about monthly during the winter months. General ditch maintenance is performed as needed			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Litter collected by community service crews is bagged and properly disposed of as solid waste. Excess soil from ditch maintenance activities is re-used by township crews in areas where it is needed (e.g., to re-establish road side berms)				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		432 tons during 2010-11 winter season	Annual pre-winter season training of road salt crews; Township crews try to rely on plows as much as possible to minimize salt usage, trucks have spill guards on tail gates.			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	Yes		20 lbs. Karmex 5 gallons Round-Up	Service Department Director is licensed applicator, follows all USDA rules and regulations regarding pesticide/herbicide applications; Township does not do any broadcast applications – to minimize usage, only use spot applications around guardrails and utility poles.			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	N/A		0	N/A			
Street Sweeping	Procedures Developed (Yes or No)		Document Amount of Material Collected and Properly Disposed				
	N/A		N/A				



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality
	No Flood Management Projects conducted in 2010

STONELICK TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011
List of Facilities Subject to Program	Continue current schedule of inspections for MS4, service department facility, and cemeteries	Maintain current inspection and maintenance schedules, update summary of Township pollution prevention activities and schedules	Inspections throughout calendar year, update of summary of pollution prevention programs and schedules by December 2011
MS4 Maintenance	Maintain current maintenance program	Maintain current program	MS4 cleaning as needed throughout year
Disposal of Wastes	Maintain records of waste removed from MS4	Maintain current program	MS4 cleaning as needed throughout year
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	N/A	N/A	N/A
Fertilizer Usage	Maintain current program	Maintain current program	Summer 2010
Street Sweeping	N/A	N/A	N/A
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A



UNION TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	APWA Southwest Ohio Snow and Ice Control Conference	Union Township Service Department	2	April 8 APWA Southwest Ohio Snow and Ice Control Conference – 2 Union Twp Service Department staff attended, material shared with other Department personnel involved in snow and ice removal	Yes
			Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Union Township Service Director	1	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
List of Municipal Facilities Subject to Program				O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections	
127 miles of township road and associated storm sewers, catch basins, open channels, culverts				Yes	Est. >500 catch basins	3-person road crew inspects roadside ditches/catch basins/culverts during regular road/sign inspections, freq. depends upon road. Also inspected in response to complaints and drainage problems.	
Township service department/fleet maintenance facilities on Glen Este-Withamsville Rd.				Yes	250	5x/week	
Four township parks (Clepper, Veterans, Ivy Pointe, Mt. Carmel)				Yes	48 total (12 per park)	1x/month per park	
1 cemetery (Mt. Moriah)				Yes	250	5x/week – staff of 5 dedicated to cemetery	
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	MS4 cleaning and maintenance conducted as needed (in response to problems, resident complaints); Union Township utilizes Clermont County Sewer vac-truck for cleaning on occasion			Union Township Service Department conducts cleaning of road side ditches/open channels, storm sewers, catch basins and road culverts when inspections show that cleaning is needed.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		Union Township contracts with the Clermont County Water Resources Department (sewer collections division) to clean storm sewers/catch basins with the Department's vac-truck on an as needed basis. Any waste collected is brought to the drying beds at the Middle East Fork wastewater treatment facility in Batavia, and then sent to Rumpke for disposal. In 2010, Union Township utilized the Sewer District's vac-truck and crew on 1 instance to clean storm sewer catch basins.				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		1700 tons during 2010-11 winter season and 1250 gallons of brine used.	Annual pre-winter season training of road salt crews; calibration of spreaders, we implemented the use of brine on four trucks to minimize salt usage.			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	Yes		240	All applicators are licensed and follow U.S. Dept. of Agriculture application guidelines			



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

Fertilizer Usage	Procedures Developed (Yes or No)	Pounds Used	Summarize Measures Taken to Minimize Usage
	Yes	19,808	All applicators are licensed and follow U.S. Dept. of Agriculture application guidelines
Street Sweeping	Procedures Developed (Yes or No)	Document Amount of Material Collected and Properly Disposed	
	N/A	N/A	
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality		
	No Flood Management Projects conducted in 2010		

UNION TOWNSHIP - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend ODOT Snow and Ice Training; Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011(County P2) October 2011 (ODOT Snow & Ice)
List of Facilities Subject to Program	Development of Fleet Maintenance SWP3 and MS4 inspection schedules	Develop regular inspection schedules for MS4, update summary of Township pollution prevention activities and schedules; develop SWP3 for Fleet Maintenance	Inspections schedules, summary of general P2 activities and Fleet Maintenance SWP3 by December 2011
MS4 Maintenance	Development of inspection schedules	Work toward development of regular inspection schedules	Maintenance as needed throughout year
Disposal of Wastes	Maintain records of waste removed from MS4	Improve record keeping of waste removed from MS4	MS4 cleaning as needed throughout year
Road Salt	Track road salt usage in 2011	Purchase brine making system in 2011 and implementation of a brine distribution system (pre-treating roads with brine).	As necessary during winter storms
Pesticide & Herbicide Usage	Minimize pesticide and herbicide usage, follow all USDA application guidelines	Maintain current program	During growing season
Fertilizer Usage	Minimize fertilizer usage, follow all USDA application guidelines	Maintain current program	During growing season
Street Sweeping	N/A	N/A	N/A
Flood Management Projects	No flood management projects currently planned for 2010	N/A	N/A

CLERMONT COUNTY (MS4, FLEET and FACILITIES) - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Snow and Ice training	County Engineer's Office	45	In-house training session held on Nov. 19 to discuss winter treatment and salt reduction strategies.	Yes
			APWA Southwest Ohio Snow and Ice Control Conference	County Engineer's Office	7	April 8 APWA Southwest Ohio Snow and Ice Control Conference	Yes
			Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	County Engineer's Office; County Storm Water Dept.	2	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
			GIS training (for maintenance of MS4 layer)	Clermont County Storm Water Dept.	1	April 29 ESRI webinar titled "Using ArcMap in ArcGIS Desktop 10"	Yes
			GIS training (for maintenance of MS4 layer)	Clermont County Storm Water Dept.	1	May 18 ESRI webinar titled "Using Python in ArcGIS Desktop 10"	Yes
			Ohio Storm Water Conference, Mason OH	Clermont County Storm Water Dept.	1	June 10-11 Storm Water Conference included multiple sessions on best management practices, stream restoration, storm water management, watershed and land use issues.	Yes
			Storm system modeling	Clermont County Storm Water Dept.	1	August 19 U.S. EPA Workshop on SUSTAIN model	
			GIS training (for maintenance of MS4 layer)	Clermont County Storm Water Dept.	1	2010 CEAO Ohio GIS Conference, Sept. 15-17	Yes
			Watershed Management in Urban Systems	Clermont County Storm Water Dept.	1	October 18 – ORBCRE Symposium "Watershed Management in Urban Systems" –Storm Water Dept Program Manager gave presentation on Clermont County regional MS4 program	Yes
List of Municipal Facilities Subject to Program			O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections		
389 miles of county road and associated storm sewers, catch basins, open channels, culverts			Yes	260 (ditches), 1 per each catch basin, 1 per each culvert	Road side ditches – 5x/week (County Engineer maintains a full time ditch maintenance crew), curb and gutter and catch basin grates cleaned 1x/year, annual inspections of all culverts, additional inspections in response to problems/complaints		
Clermont County Engineer's garages			Yes	260	General inspections conducted daily		
Clermont County fleet maintenance and impoundment lot on Filager Road			Yes	260	Fully staffed fleet maintenance department inspect and maintain fleet maintenance facility daily		

MS4 Maintenance	Summarize Maintenance Activities and Schedules		Summarize Activities Performed
	Curb and gutter/catch basins along county roads are cleaned once annually at a minimum; County Engineer maintains a full time ditch maintenance crew, repairs/replacements to storm sewers and associated structures are conducted as needed. In 2008, County Engineer's Office began using "Flexamat" product (www.flexamat.com) to reduce erosion in roadside ditches.		All county road curb and gutter and catch basins cleaned in 2010. Est. 8-10% of county roads have curb & gutter vs. ditch. Est. 22 catch basins replaced in 2010. Flexamat currently used along four roads – installed along Cook Road, Goshen Road and Old SR 32 in 2008. These were inspected in 2010 and all are performing very well. Additional Flexamat installed along Wards Corner Road and another drainage swale on Old SR 32 in 2009 – both are performing well.
Disposal of Wastes	Procedures Developed (Yes or No)	Document Amounts of Wastes Properly Disposed	
	Yes	Estimated 4 dump truck loads at 5 cubic yards per load (total 20 cubic yards) or material collected, brought to staging area at County Engineer's facilities on Filager Road. Clean fill is re-used, solid waste is properly disposed of.	
Road Salt	Covered (Yes or No)	Tons Used	Summarize Measures Taken to Minimize Usage
	Yes	6,675 tons during 2010-11 winter season	Annual pre-winter season training of road salt crews held on November 19. Crews try to rely on plowing as much as possible to limit salt usage. When possible, salt treatment limited to heavy traffic areas and dangerous spots such as intersections, hills and curves.
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)	Gallons Used	Summarize Measures Taken to Minimize Usage
	Yes	Approx 2,000 (after dilution) by County Engineer's Office < 1 gallon by County Facilities Dept. on County grounds	All applicators are licensed and follow U.S. Dept. of Agriculture application guidelines. Spraying limited to guardrails and signs located along County roads. Spraying not conducted when wind speeds are > 5 mph (crews have meters to measure wind speed on site, tested hourly). Treatment only 1/year. Some Johnson grass treated in Autumn months. Clermont County Facilities Maintenance Director is licensed applicator; however, only spot applications used in rare instances on County grounds
Fertilizer Usage	Procedures Developed (Yes or No)	Pounds Used	Summarize Measures Taken to Minimize Usage
	N/A	0	N/A
Street Sweeping	Procedures Developed (Yes or No)	Document Amount of Material Collected and Properly Disposed	
	N/A	N/A	
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality		
	No Flood Management Projects conducted in 2010		

CLERMONT COUNTY (MS4, FLEET and FACILITIES) - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011;	Attend annual APWA Snow and Road Salt Training, open in-house snow day training to all MS4 permit partners, attend County Stormwater Dept. P2 training, attend 2011 Ohio Stormwater Conference	April 2011 (APWA Training) May 2011 – Ohio Stormwater Conference Fall 2011 (County P2) November 2011 (County Snow Day Training)
List of Facilities Subject to Program	Maintain current program	Continue current activities	Inspections and maintenance throughout year
MS4 Maintenance	Maintain current maintenance program	Maintain current maintenance program	Maintenance as needed throughout year
Disposal of Wastes	Maintain records of waste removed from MS4	Maintain current program; maintain records of waste removed from MS4	MS4 cleaning as needed throughout year
Road Salt	Track road salt usage in 2011	Maintain current road de-icing program	As necessary during winter storms
Pesticide & Herbicide Usage	Minimize pesticide and herbicide usage, follow all USDA application guidelines	Application only when needed around county road signs and guardrails	Summer 2011 (Johnson grass treated in September)
Fertilizer Usage	N/A	N/A	N/A
Street Sweeping	N/A	N/A	N/A
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A



SMALL MS4 ANNUAL REPORT FORM

State of Ohio Environmental Protection Agency

CLERMONT COUNTY PARK DISTRICT - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program	One storm water training session annually	Yes	Snow & ice control (beet juice), SWP3 development and implementation, storm water program audits	Park District Maintenance staff	3	Clermont County P2 Training Session, Batavia, OH, November 18, 2010	Yes
List of Municipal Facilities Subject to Program					O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
The Park District maintains five parks in the urbanized area, including The Kelly Nature Preserve, Pattison Park, SR 222 Roadside Park (includes park maintenance facility), Sycamore Park/Wilson Nature Preserve and the newly established Shor Park on Tealtown Road. Maintenance includes the park grounds and any open channel or storm sewer serving the property (primarily contained to parking lots)					Yes	260 – Sycamore/Wilson, Pattison and SR 222 Est. 25 – Kelly; Est. 10 Shor 1 intensive inspection each site	5x/week – Sycamore/Wilson, Pattison, and SR 222, approx. 2x/month Kelly, Each property has intensive annual inspection of entire grounds
MS4 Maintenance	Summarize Maintenance Activities and Schedules			Summarize Activities Performed			
	MS4 generally includes catch basins and sewers serving parking lots			Park District cleans catch basins twice annually, once in spring and once in fall.			
Disposal of Wastes	Procedures Developed (Yes or No)		Document Amounts of Wastes Properly Disposed				
	Yes		All waste (generally sand/grit) collected from catch basins disposed of in dumpsters serviced by Rumpke. Amount of waste is generally minimal. Unable to separate total amount collected from waste disposed of by park visitors				
Road Salt	Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage			
	Yes		Est. 2.5 tons during 2010-2011 winter season	Application limited to parking lots at three of the five park properties in the urbanized area (Sycamore, Pattison and SR 222). Park District utilizes more environmentally friendly potassium chloride used. Applied only when necessary.			
Pesticide & Herbicide Usage	Procedures Developed (Yes or No)		Gallons Used	Summarize Measures Taken to Minimize Usage			
	Yes		250 gal.	Usage limited to invasive species management (e.g. honeysuckle control), including aggressive program to eradicate honeysuckle at Kelly Nature Preserve. Herbicides applied by licensed applicator following all USDA rules and regulations.			
Fertilizer Usage	Procedures Developed (Yes or No)		Pounds Used	Summarize Measures Taken to Minimize Usage			
	Yes		Approx. 200 gallons (diluted)	Liquid fertilizer utilized only for flower beds at Pattison Park. Application of fertilizer done twice a month from May through August on approx. 400 sq. ft. area			
Street Sweeping	Procedures Developed (Yes or No)		Document Amount of Material Collected and Properly Disposed				
	N/A		N/A				

Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality
	No flood management projects conducted in 2010

CLERMONT COUNTY PARK DISTRICT - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program	Attend at least one storm water-related training session in 2011	Attend Pollution Prevention Training Workshop to be held by Clermont County Storm Water Management Department	Summer 2011
List of Facilities Subject to Program	Continue current schedule of inspections for park facilities	Maintain current inspection and maintenance schedules	Inspections throughout calendar year
MS4 Maintenance	Maintain current program	Maintain current program	Inspections and maintenance throughout year (maintain current schedule)
Disposal of Wastes	Maintain current program	Maintain current program	Maintain current schedule
Road Salt	Track road salt usage in 2011	Improve salt usage record keeping	As necessary during winter storms
Pesticide & Herbicide Usage	Maintain current program	Maintain current program	Maintain current schedule
Fertilizer Usage	Maintain current program	Maintain current program	Maintain current schedule
Street Sweeping	N/A	N/A	N/A
Flood Management Projects	No flood management projects currently planned for 2011	N/A	N/A

PROPOSED CHANGES TO YOUR SWMP (IF ANY)

- Summarize any proposed changes to your SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements. If you fail to satisfy measurable goals for the reporting year, please explain why.

In January 2011, Ohio EPA informed Tate Township that their waiver request for the Small MS4 stormwater requirements had been denied. Tate Township will officially join the Clermont County regional program and joint MS4 permit in March 2011.

VARIANCES GRANTED (IF ANY)

- Identify and summarize any variances granted under your storm water program.

No variances have been granted under Clermont County's storm water management program.